| March Marc | RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|---|----------|--------------------------|----------------------|------------------------------------|---------------|------------|--|--|--|---------------------|---|----------------------------|---------------------|-------------------|-----------------------|-----------------------------|----------|-----------------------|
| Company Comp | | OKEECHOBEE CLEAN | | Auxiliary Boiler, | TRESCRET TOLL | | | | | | | CONDITION | Lavara 2 | 0.111 | COMBINA | E-HE-OIO-II-E-HII | 0.111 | COMPINION |
| Control Cont | FL-0356 | ENERGY CENTER | 3/9/2016 | 99.8 MMBtu/hr | Natural gas | 99. | 8 MMBtu/hr | Fires only natural gas. Limited to 2000 hr/yr. | Low-NOx burners | 0.05 | LB/MMBTU | | 0 | | | (| - | |
| Company | | | | AUXILIARY | | | | | | | | | | | | | | |
| March Marc | | A CONTROL PRODUCTION | | | | | | | | | | 4 1101 m | | | norrano. | | | |
| Part | IN-0263 | | 3/23/2017 | | NATURAL GAS | 218. | 6 MMBTU/H | | | 20.4 | LB/MMCF EACH | | 1877.39 | | | (| | |
| March Marc | | | | | | | | | | | | 30 ROLLING | | | | | | |
| March Marc | | LAKE CHAPLES | | Auvilian Boiler and | | | | Sumlement firel: firel ese | | | | AVG., EXCEPT | | | | | | |
| Company | | METHANOL FACILITY | | Superheaters | Natural Gas | | 0 | Boilers: 225 MM BTU/hr each | SCR | 0.015 | LBS/MM BTU | | 0 | | | (| | |
| Marie Confession Marie Confe | LA-0307 | MAGNOLIA LNG FACILITY | 3/21/2016 | Auxiliary boilers | natural gas | 17 | 1 mm btu/hr | | Low Nox burners | 0 | | | 0 | | | (| | |
| March Marc | | DTE GAS COMPANY- | | | | | | | | | | | | | | | | |
| March Marc | | | | | | | | identified as EUAUXBOIL2 and EUAUXBOIL3 within the flexible group FGAUXBOILERS. | | l | | | | | | | | |
| March Marc | MI-0420 | STATION | 6/3/2016 | FGAUXBOILERS | Natural gas | | 6 MMBTU/H | The boilers are subject to 40 CFR Part 63 Subpart DDDDD, which requires tune ups. | combustion practices. | 14 | PPMVOL | PROTOCOL 30 DAY ROLLING | 0 | | | (| 1 | |
| March Marc | | | | | | | | | Low NOx burners/Flue gas recirculation | | | AVG TIME | | | | | | |
| Mary Name | MI-0423 | INDECK NILES, LLC | 1/4/2017 | (Auxiliary Boiler) | natural gas | 18 | 2 MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | and good combustion practices. | 0.04 | LB/MMBTU | PERIOD | 0 | | | (| - | |
| March 1995 | | | | | | | | | Low NOx burners/Internal flue gas | | | TEST PROTOCOL | | | | | | |
| Part | | PUBLIC WORKS - EAST 5TH | | EUAUXBOILER | | | | | recirculation and good combustion | | | | | | | | | |
| A | MI-0424 | STREET | 12/5/2016 | (Auxiliary boiler) FGAUXBOILERS | natural gas | 83. | 5 MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). | practices. | 0.05 | LB/MMBTU | AVG TIME | 0 | | 1 | (| 1 | |
| Property of the content of the con | | | | (6 auxiliary boilers | | | | | | | | | | | | | | |
| Controlled Con | | | | EUAUXBOIL2A, | | | | Four notions are fined overlient horizon, each extent at 2 MARTIL/H final host insert | | | | | | | | | | |
| Control Cont | | | | | | | | (EUAUXBOIL2A, EUAUXBOIL3A, EUAUXBOIL2B and EUAUXBOIL3B in | | | | | | | | | | |
| According 1,400 | | | | EUAUXBOIL3B, | | | | FGAUXBOILERS) and two natural gas-fired auxiliary boilers, each rated at 1 MMBTU/H fuel | | | | | | | | | | |
| ## CAPACITICATIONS S.C. S. | NEI 0427 | MILFORD COMPRESSOR | 2/24/2017 | EUAUXBOIL2C, | N | | 2 AD ADTUAL | heat input (EUAUXBOIL2C and EUAUXBOIL3C in FGAUXBOILERS). The boilers are | | | DDM 4 T 28/ 02 | | | DDM 4 T 20/ 02 | | , | | |
| ## CAPACITICATIONS S.C. S. | M1-0426 | STATION | 3/24/2017 | | Natural gas | | 3 MMBTU/H | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | combustion practices. | 20 | PPM A1 3% O2 | | 9 | PPM A1 3% O2 | BOILER | - | | |
| ACTUAL A | | | | | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | | | | |
| ## CASHILLA NAME Declaration of the Company of th | *MI-0433 | | 6/20/2019 | | Natural res | 41 | S MMRTI/H | | | 0.04 | I R/MMRTII | | | | 1 | | J | |
| ## CASHILLA NAME Declaration of the Company of th | MI-0433 | SOUTHEEC | 0.29/2018 | | ivaturar gas | 01. | J MIMID I COLI | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | and good combustion practices. | 0.04 | LISMINIDIO | | | | | , | | |
| March Marc | | | | | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | | | | |
| March Marc | *MI-0433 | SOUTH LLC | 6/29/2018 | | Natural oas | 61 | S MMRTU/h | but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low NOx humers (LNR) and flue ons recirculation (FGR) | and good combustion practices | 0.04 | LR/MMRTU | | 0 | | | (| | |
| March Marc | | | | , | | | | | | | | | | | | | | |
| Proc. Proc | | DELLE BRIER COMBRED | | ELIALIVIDOREED. | | | | | | | | | | | | | | |
| MORE DATE OF THE PROPERTY OF T | *MI-0435 | | 7/16/2018 | | Natural gas | 99. | 9 MMBTU/H | is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Low NOx burners/Flue gas recirculation. | 0.036 | LB/MMBTU | HOURLY | 3.6 | LB/H | HOURLY | (| | |
| CANON PRINCES Prince Pri | | | | | | | | | | | | | | | | | | |
| MORNING 1,500 200 | *WV-0029 | POWER PLANT | 3/27/2018 | | Natural Gas | 77. | 8 mmBtu/hr | Annual emission based on 4600 hours/year. | LNB, FGR, Good Combustion Practices | 0.86 | | 2 UD AVG @ 15 | 1.96 | TONS/YEAR | | 0.0011 | LB/MMBTU | |
| Column C | *AK-0083 | | 1/6/2015 | Boilers | Natural Gas | 5 | 0 MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | Selective Catalytic Reduction | 7 | 02 | | 0 | | | (| | |
| Month Mont | | | | 3 NATURAL GAS- | | | | | THE PART OF THE PA | | | | | | | | | |
| MINISTRATION PRINTED | | | | WITH ULNR | | | | | RURNERS (ULTRA-LOW NOX | | | | | | | | | |
| ACTION NOTE PERSON NOTE | | | | & EGR (537- | | | | | RECIRCULATION (EGR) Å¿ SAME | | | | | | | | | |
| MORNE STELL AND AND REPORT STELL AND AN | AL-0230 | AND STAINLESS USA, LLC | 8/17/2007 | 539) | NATURAL GAS | 64. | 9 MMBTU each | THIS PROCESS IS COVERED UNDER 503-0095-X026. | FLUE GAS RECIRCULATION (FGR) | 0.035 | LB/MMBTU | | 2.27 | LB/H | | (| - | |
| AGEN NOW RECENTRAL CO. 41700 WELLS NO. 1714 ALGO. DIA MINITEDIA CO. 1714 ALGO. DIA MINISTERIA CO. | | | | DEGASSER | | | | | | | | | | | | | | |
| ASSOCIATION | AL-0231 | NUCOR DECATUR LLC | 6/12/2007 | BOILER | NATURAL GAS | 9 | 5 MMBTU/H | | ULTRA LOW NOX BURNERS | 0.035 | LB/MMBTU | | 3.33 | LB/H | | (| | |
| CALIFO CANADA CALIFORNIA | AP-0090 | NUCOR STEEL ARKANSAS | 4/3/2006 | PICKLE LINE BOILERS SN-52 | NATURAL GAS | 12 | 6 MMRTILEACH | | LOW NOY BURNERS | 20 | I R/H | | 12.4 | T/VP | | 0.075 | LRAMBTU | |
| Fig. 10 Fig. | | | | | | | | | | | | | | | | | | |
| CATION OF THE PROPERTY OF THE | | | | | | | | | | | | | | | | | | |
| CALIZE GENERAL \$1500 MERCH NATIONAL CAS STREET OF A MARTINI STREET | | | | | | | | CONTINUOUS, H/D: 24. D/W: 7, W/Y: 52, NOTES: THREE IDENTICAL STEAM BOILERS | | | | | | | | | | |
| CALIZE ORNSTRUCK STORY STATE COLOR | | | | | | | | INSTALLED. FACILITY CONSIDERING ADDING BACK-UP DIESEL OIL FIRING | | | | | | | | | | |
| CALIDA STANDARD | CA-1127 | GENERATECH INC | 9/27/2005 | BOILER: >= 50 | NATURAL GAS | | 7 MMRTI/H | CAPABILITY FOR EMERGENCY USE. SOURCE TEST RESULTS: SOURCE TEST PESTIT TS PENDING | NATCOM P.07-1 OG-35-2127 | | PPMVD @ 3% O2 | SAMP PERIODS | | | | | | |
| ACKIP AND ACKI | C10-1127 | CALIFORNIA INC. |)/2//200J | January Cont | TOTAL CITE | | , manuficati | | 1011COM 1-57-E0005-2127 | | 111111111111111111111111111111111111111 | *** | | | | , | | |
| CA1126 INDICATE | | | | | | | | EQUIP: THREE 25 MMBTU/H STEAM BOILERS WITH FUEL OIL (AMBER 363) | | | | | | | | | | |
| COTTAGE HEALTH CARE - STORAN STUTING COTTAGE HEALTH CARE - STORAN | | | | | | | | 150ST, FUNC EQUIP: PROVIDES HEAT TO A NEW HOSPITAL, FUEL TYPE: BACKUP | | | | | | | | | | |
| College Coll | | 1 | | | | 1 | 1 | WITH AMRER 363 (BACT) UP TO 192 HRS/YR SCHEDULE: CONTINUOUS H/D: 24 | | | | | | | 1 | | | |
| PRINCE SIGNATURE SIGNATU | | COTTAGE HEALTH CARE | | BOILER: 5 TO 5 b | | 1 | MMRTI/H (75 | D/W: 7, W/Y: 52, NOTES: BACT FOR BACKUP FUEL OIL IS: USE OF LOW NITRIGEN FUEL (AMBER 363) AND A LOW NOY RUDNED. NOY BACT, IS 40 DBACUD AT 284 CO. | | | | | | | 1 | | | |
| APPROPRIED AND MALE AND MAL | CA-1128 | PUEBLO STREET | 5/16/2006 | 33.5 MMBTU/H | NATURAL GAS | 2 | 5 MMBTU/H | AND CO BACT IS 50 PPMVD AT 3% 02. SOURCE TEST RESULTS: | ULTRA-LOW NOX BURNER | 9 | PPMVD @ 3% O2 | 6-MIN AV | 0 | | | | | |
| CA-1192 AVENAL ENERGY PROJECT G-21/2011 BOLLER AVENAL ENERGY PROJECT AVENAL ENERGY PROJECT AVENAL ENERGY PROJECT AVENAL ENERGY PROJECT AVE | C1 1121 | VICTORVILLE 2 HYBRID | | AUXILIARY | | | A D ADTUS | | OPERATIONAL RESTRICTION OF 500 | | | 1-HR AVG, @3% | | | | | | |
| AUNILARY | CA-1191 | POWER PROJECT | 3/11/2010 | DUILER | NATUKAL GAS | 3 | mmBTU/H | | ULTRA LOW NOX BURNER, USE PUC | + ' | rrmvD (a) 5% O2 | 02 | 0 | | 1 | 1 | 1 | \vdash |
| AVEX.AL EMERGY PROJECT 6-2101 BOLLER NATURAL GAS 37.4 MABITUH (AS-100-100-100-100-100-100-100-100-100-10 | | | | | | 1 | 1 | | OUALITY NATURAL GAS. | | | | | | 1 | | | |
| FL 026 FPL WEST COUNTY 1/10/200 SOLLESS NATURAL GAS 99.8 NMBTUH PRODUCE \$5.000 LBHR STEAM EACH 0.05 LBMMBTU 0 0 0 0 0 0 0 0 0 | CA-1192 | AVENAL ENERGY PROJECT | 6/21/2011 | AUXILIARY BOILER | NATURAL GAS | 27 | 4 MMRTU/H | | OPERATIONAL RESTRICTION OF 46, | | PPMVD @ 3% OX | 3-HR AVG, @3% | | | 1 | | J | |
| FL. WEST COUNTY FL. WEST COUNTY 1/10/2007 BOILERS NATURAL GAS 93.8 MMBTUH PRODUCE \$5.00 LBH STEAM EACH 0.05 LBAMBTU 0 0 0 0 | CAV1192 | A CONTROL ENERGY PROJECT | 0/21/2011 | TWO 99.8 | MATURAL GAS | 3/. | TOTAL STREET | | OLD MANDE OF ER | † | mv12(0) 370 O2 | 102 | 0 | | 1 | , | 1 | |
| FL 0256 ENERGY CENTER | | | | MMBTU/H GAS- | | 1 | 1 | | | | | | | | 1 | | | |
| FLO256 ENERGY CENTER | 1 | FPL WEST COUNTY | | | 1 | 1 | | | | | | 1 | | | 1 | | 1 | |
| Feoret Natural Gas Fooret | FL-0286 | ENERGY CENTER | 1/10/2007 | BOILERS | NATURAL GAS | 99. | 8 MMBTU/H | PRODUCE 85,000 LB/HR STEAM EACH | | 0.05 | LB/MMBTU | | 0 | | | | | |
| Foot Natural Gas SUNANCE MILL | | | | | | | | | | | | | | | | | | |
| Food Named Ges SUWANNEE MILL 9/520/2 MMBrs to 46 SUWANNEE MILL 9/520/2 MMBrs to 46 SUWANNEE MILL 12/20/2 20/16/18 SUWANNEE MILL 12/20 | | | | | | 1 | 1 | process. Two boilers each share a common stack for a total of two stacks. In the initial phase of | | | | | | | 1 | | | |
| FLOSTS SUMANNERILL 9-5-2012 MdBearboar Natural Gas 46 MdBTUH Finally, the rose homass boliers will be built and brought on line. Recirculation Natural Gas Natural | | 1 | | Four(4) Natural Gas | | 1 | 1 | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | 1 | | | |
| KA MOTOS KA M | FI -0335 | SUWANNEE MILL | 0/5/2012 | | Natural Gas | | 6 MMRTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. Finally, the two biomese boilers will be built and brought on line. | | 0.026 | I R/MMRTII | | | | 1 | | J | |
| GA-010 GEORGIA 7272/007 HEATERS NATURAL GAS BOILERS AND HEATERS BURNES 30 PMVD @ 35-02 BOILERS 00 LBAMBBTU HEATERS 0 | 120000 | KIA MOTORS | 9/3/2012 | | rundidi OdS | | Opening I C/II | a many, me two oronand boutets will be built and brought on line. | | 0.036 | LLE MINIDIO | | , | | | , t | | |
| MASSIALITONN | | | | | | 1 | 1 | | | | | | | vn a o mwy | | | | |
| MASSIALITONN | GA-0130 | | 7/27/2007 | HEATERS | NA TURAL GAS | <u> </u> | | BOILERS AND HEATERS | BURNERS | 30 | PPMVD (a) 3% O2 | AVERAGE OF 3 | 0.09 | LB/MMBTU | HEATERS | (| 1 | |
| TWO C2 SALEM HARBOR STATION SALEM HARBOR STATION TWO C2 SALEM HARBOR STATION BOTH BOLERS, LABELED AS BROI AND BROZ, ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROI AND BROZ, ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROI AND BROZ, ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROI AND BROZ, ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROI AND BROZ, ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROZ ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION BOTH BOLERS, LABELED AS BROZ ARE EQUIPPED WITH LOW NOX BURNER WITH FLUE GAS RECULATION. THIS IS CONSIDERED A STEAM RCIRCULATION. THIS IS CONSIDERED A STEAM RC | 1 | MARSHALLTOWN | | 1 | 1 | 1 | | | | | | ONE-HOUR TEST | | | 1 | | 1 | |
| ST. JOSEPH ENEGRY ST. JOSEPH ENEGRY ALXILLIARY ST. JOSEPH ENEGRY ALXILLARY ALXILLARY ST. JOSEPH ENEGRY ALXILLARY ALXILLARY ALXILLARY ALXILLARY AL | *IA-0107 | GENERATING STATION | 4/14/2014 | auxiliary boiler | natural gas | 60. | 1 mmBtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | use of natural gas | 0.013 | LB/MMBTU | RUNS | 0 | | - | (| 1 | |
| **N-01-58 CENTER_LLC 12-3-2012 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2012 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-12 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-12 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-12 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-12 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-12 BOILERS NATURAL GAS 80 MMBTUH GENERATING UNIT. RECIRCULATION 0.032 LBM/MBTU 3 BOURS 2.56 LBH 3 HOURS 0 **IN-01-58 CENTER_LLC 12-3-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2 | | 1 | | NATURAL GAS | | 1 | 1 | | | | | | | | 1 | | | |
| 1 HR BLOCK 1 HR BLOCK AVG, DOES NOT AVG, DOES NOT SALEM HARBOR STATION 4 APPLY DURING APPLY DURING | | | | | | 1 | .1 | BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | | | l | | | | I | | | |
| SALEM HARBOR STATION AVG, DOES NOT AVG, DOES NOT APPLY DURING APPLY DU | *IN-0158 | CENTER, LLC | 12/3/2012 | BOILERS | NATURAL GAS | 8 | 0 MMBTU/H | GENERATING UNIT. | RECIRCULATION | 0.032 | LB/MMBTU | 3 HOURS | 2.56 | LB/H | 3 HOURS | (| 1 | |
| SALEM HARBOR STATION APPLY DURING APPLY DURING APPLY DURING | | 1 | | | | 1 | 1 | | | | | AVG, DOES NOT | | | AVG, DOES NOT | | | |
| "MA-00199 | | | ., | l | L | | | | | | | APPLY DURING | | nn 470 0 4/ : : : | APPLY DURING | | | |
| | MA-0039 | KEDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | | U[MMBtu/hr | | ultra low NOx burners | 0.011 | LB/MMBTU | ISS | 9 | PPMVD @ 3% O | : ISS | | 1 | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|-----------|--------------------------------------|----------------------|---|--------------|------------|--------------------|--|--|---------|----------------|------------------------------|---------------------|----------------|-------------------------------|-----------------------------|-----------|-----------------------|
| | | | FOUR (4) NATURAL GAS | | | | | | | | | i i | | i i | | | |
| | | | BOILERS EACH | | | | | | | | | | | | | | |
| | MEDIMMUNE FREDERICK | | RATED AT 29.4 MILLION BTU | | | | EACH OF THE FOUR BOILERS BURN NATURAL GAS WITH NO. 2 FUEL OIL AS A | ULTRA LOW NOX BURNERS ON EACH OF THE FOUR IDENTICAL | | | VOL., DRY BASIS, CORR. TO | | | | | | |
| MD-0037 | CAMPUS | 1/28/2008 | PER HOUR | NATURAL GAS | 29. | 4 MMBTU/H | BACK UP FUEL (FUEL OIL LIMITS ARE LISTED AS A SEPARATE PROCESS). | BOILERS | | 9 PPMVD @ 3% O | 2 3% 02 | Ί, | 0 | | 0.01 | LB/MMBTU | |
| MD-0040 | CPV ST CHARLES | 11/12/2008 | BOILER | NATURAL GAS | 9 | 3 MMBTU/H | AUXILIARY BOILER | LOW NOX WITH FGR | 0.0 | 11 LB/MMBTU | 3-HR AVERAGE | | 0 | | | 0 | |
| | | | | | | | NATURAL GAS FUEL ONLY, OPERATION OF LOW-NOX BURNER TECHNOLOGY, | EXCLUSIVE USE OF NATURAL GAS, | | | | | | | | | |
| *MD-0041 | CPV ST. CHARLES | 4/23/2014 | AUXILLARY DOLLED | NATURAL GAS | | 3 MMBTU/H | FLUE GAS RECIRCULATION (FGR), GOOD COMBUSTION CONTROLS, MAX HEAT INPUT OF 372,000 MMBTU/HR | ULTRA LOW-NOX BURNERS, AND FLUE GAS RECIRCULATION (FGR) | | 1 LB/MMBTU | 3-HOUR AVERAGE | Ι. | | | | , | |
| *MD-0041 | | 4/23/2014 | | NATURAL GAS | , | S MMB1U/H | NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER | EXCLUSIVE USE OF PIPELINE | 0.0 | LEVMMBIU | | <u> </u> | | | ' | 1 | |
| *MD-0042 | WILDCAT POINT GENERATION FACILITY | | AUXILLARY | NATURAL GAS | | 5 MMBTU/H | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 MMBUT/HR PER 12-MONTH ROLLING PERIOD | QUALITY NATURAL GAS AND GOOD COMBUSTION PRACTICES | | 01 LB/MMBTU | 3-HOUR BLOCK AVERAGE | I . | | | | | |
| *MD-0042 | GENERATION FACILITY | 4/8/2014 | | NATURAL GAS | 4 | S MMB1U/H | | COMBUSTION PRACTICES | 0. | JI LB/MMB1U | AVERAGE | | 9 | | | , | |
| | | | FGAUXBOILERS: Two auxiliary boilers | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | | | | | | | |
| | THETFORD GENERATING | | < 100 MMBTU/H | | | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month | Low NOx burners and flue gas | | | | | | | | | |
| *MI-0410 | STATION HOLLAND BOARD OF | 7/25/2013 | heat input each | natural gas | 10 | 0 each | rolling timeperiod as determined at the end of each month. | recirculation. Dry low NOx burners, flue gas | 0. | 05 LB/MMBTU | TEST PROTOCOL | L . | 0 | | |) | |
| | PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler B | | | | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB | recirculation and good combustion | | | | | | | | | |
| *MI-0412 | STREET HOLLAND BOARD OF | 12/4/2013 | (EUAUXBOILERB) | natural gas | 9 | 5 MMBTU/H | within flexible group FGAUXBOILERS). | practices. | 0. | 05 LB/MMBTU | TEST PROTOCOL | L I | 0 | | |) | |
| | PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler A | | | | One natural sas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA | Low NOx burners and good combustion | | | | | | | | | |
| *MI-0412 | STREET | 12/4/2013 | (EUAUXBOILERA) | natural gas | 5 | 5 MMBTU/H | within flexible group FGAUXBOILERS). AUXILIARY BOILERS 2 AND 3 PROVIDE BACKUP STEAM TO THE CITY OF | practices LOW NOX BURNERS, FLUE GAS | 0. | 05 LB/MMBTU | TEST PROTOCOL | L I | 0 | | |) | |
| | | | | | | | AUXILIARY BOILERS 2 AND 3 PROVIDE BACKUP STEAM TO THE CITY OF CONCORD STEAM DISTRICT (MOSTLY PROVIDES BUILDING HEAT TO BUSINESSE: | RECIRCULATION AND LESS THAN | | | AVERAGE OF 3 1 | | | | | | AVERAGE OF 3 |
| | CONCORD STEAM | | BOILER 3 | | | | IN THE DOWNTOWN AREA OF CONCORD) WHEN BOILER 1 IS OUT OF SERVICE FOR | 700 HOURS OF OPERATION PER | | | HOUR TEST | | | | | | HOUR TEST |
| NH-0015 | CORPORATION | 2/27/2009 | (AUXILIARY) | NATURAL GAS | 76. | 8 MMBTU/H | SCHEDULED AND UNSCHEDULED MAINTENANCE. AUXILIARY BOILERS 2 AND 3 PROVIDE BACKUP STEAM FOR THE CITY OF | CONSECUTIVE 12 MONTH PERIOD. LOW NOX BURNERS, FLUE GAS | 0.0 | 32 LB/MMBTU | RUNS | + | 0 | | 0.03 | LB/MMBTU | RUNS |
| I | | | | 1 | 1 | 1 | CONCORD STEAM DISTRICT (MOSTLY BUILDING HEAT IN DOWNTOWN | RECIRCULATION, AND LESS THAN | | 1 | AVERAGE OF 3 | 1- | | 1 | | | AVERAGE OF 3 |
| NH-0015 | CONCORD STEAM CORPORATION | 9,99,9000 | BOILER 2 (AUXILIARY) | NATURAL CAS | | 8 MMBTU/H | CONCORD) WHEN BOILER 1 IS OUT OF SERVICE FOR SCHEDULED AND | 700 HOURS OPERATION PER | | 32 LB/MMBTU | HOUR TEST RUNS | 1 . | | 1 | | I DAMPITT | HOUR TEST RUNS |
| 1411-0013 | CORFORATION | 2/2//2009 | (AUAILIART) | NATURAL GAS | /6. | opanaD1U/II | UNSCHEDULED MAINTENANCE WORK. The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limited. | CONSECUTIVE 12 MONTH PERIOD. | 0.0. | 2 LO/MMD1U | KUNS | 1 | | | 0.03 | LB/MMBTU | KUNS |
| I | | | | | | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- up of the combined cycle unit | | | | | 1 | | | | | 1 |
| I | | | Commercial/Instituti | | | | | | | | | 1 | | | | | 1 |
| | WOODBRIDGE ENERGY | | onal size boilers less | | | | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | | | | AVERAGE OF | I | | AVERAGE OF | | | |
| NJ-0079 | CENTER HESS NEWARK ENERGY | 7/25/2012 | than 100 MMBtu/hr Boiler less than 100 | natural gas | 91. | 6 MMBtu/hr | LAER. | Low NOx burners Low NOx burners and flue gas | 0. | 01 LB/MMBTU | THREE TESTS AVERAGE OF | 0.9. | 2 LB/H | THREE TESTS AVERAGE OF | - |) | |
| NJ-0080 | CENTER | 11/1/2012 | MMBtu/hr | Natural Gas | 51. | 9 mmcubic ft/year | | recirculation | 0. | 05 LB/MMBTU | THREE TESTS | 0.6 | 6 LB/H | THREE TESTS | |) | |
| | | | | | | | THE BACT DETERMINATIONS REPORTED HERIN ARE SPECIFICALLY FOR THE | | | | | | | | | | |
| | | | | | | | TWO HURST BOILERS INSTALLED AT CAESAR'S PALACE. EACH OF THEM HAS A | | | | | | | | | | |
| | | | | | | | RATED HEAT INPUT OF 35.4 MMBTU/HR. THE PERMITTING ACTION ALSO APPROVED THE INSTALLATION OF A NUMBER OF SMALL BOILERS, ALL OF WHICE | | | | | | | | | | |
| | | | | | | | HAVE A RATED HEAT INPUT BELOW THE THRESHOLD OF INSTITUTIONAL SIZE. | 1 | | | | | | | | | |
| | | | COMMERCIAL/IN | | | | NATURAL GAS IS THE ONLY FUEL USED FOR ALL BOILERS FOR THIS FACILITY. THE TOTAL INCREASE OF RATED HEAT INDIT FOR ALL THE NEW BOILERS IS 100:2 | | | | | | | | | | |
| | HARRAH'S OPERATING | | STITUTIONAL- | | | | MMBTU/HR. THE TWO NEW HURST BOILERS HAVE THE COMBINED RATED HEAT | LOW-NOX BURNER AND FLUE GAS | | | | | | | | | |
| NV-0044 | COMPANY, INC. | 1/4/2007 | SIZE BOILERS | NATURAL GAS | 35. | 4 MMBTU/H | INPUT OF 70.8 MMBTU/HR, ACCOUNTING FOR 70% OF THE TOTAL INCREASE. | RECIRCULATION | 0.0 | 35 LB/MMBTU | | 2 | 9 PPMVD @ 3% O | 2 3% OXYGEN | 0.03 | LB/MMBTU | |
| | | | BOILERS/HEATER S - NATURAL GAS | | | | THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 (RITE BOILER, 6.5 MMBTU/HR) IS SELECTED TO SHOW THE BACT | LOW-NOX BURNER AND FLUE GAS | | | | | | | | | |
| NV-0047 | NELLIS AIR FORCE BASE | 2/26/2008 | | NATURAL GAS | | | DETERMINATIONS. THE EMISSION UNIT IS A CLEAVER BROOKS BOILER AT HARRAH'S LAS VEGAS. | RECIRCULATION | 0. | 3 LB/MMBTU | | 2 | 5 PPMVD @ 3% O | 2 3% OXYGEN | 0.0 | LB/MMBTU | |
| | | | | | | | UNIT HA08 IS IDENTICAL TO HA09 AND HA10. THE SAME SET OF EMISSION LIMITS | | | | | | | | | | |
| | | | | | | | APPLIES TO EACH OF THE THREE BOILERS. THE THREE BOILERS ARE SUBJECT TO | | | | | | | | | | |
| | | | | | | | THE LIMIT OF TOTAL ANNUAL OPERATING TIME FOR 20,000 HOURS PER YEAR. THERE ARE NO BOILERS AT HARRAH'S LAS VEGAS, WHICH HAS A THROUGHPUT | | | | | | | | | | |
| | | | | | | | CAPACITY IN EXCESS OF 10 MMBTU/HR. NO BACT DETERMINATIONS FOR ANY | | | | | | | | | | |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | EMISSION UNITS AT BILL'S GAMBLIN' HALL & SALON ARE REPORTED HEREIN BECAUSE ALL OF THEM HAVE A VERY SMALL POTENTIAL TO EMIT FOR ANY | EQUIPPED WITH A LOW-NOX | | | | | | CORRECTED AT | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | HA08 | NATURAL GAS | 8.3 | 7 MMBTU/H | POLLUTANT. | BURNER | 0.01 | 46 LB/MMBTU | | 1: | 2 PPMVD @ 3% O | | 0.014 | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | UNIT FL01 IS A JOHNSTON BOILER AT FLAMINGO LAS VEGAS. THIS UNIT MAY | LOW NOX BURNER AND FLUE GAS | | | | | | CORRECTED TO | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | NATURAL GAS | 14.3 | 4 MMBTU/H | OPERATE 8,760 HOURS PER YEAR. UNIT BA01 IS A KEWANEE BOILER AT BALLY'S LAS VEGAS, UNIT BA01 IS | RECIRCULATION | 0.03 | 53 LB/MMBTU | | 2 | 9 PPMVD @ 3% O | 2 3% OXYGEN | 0.035 | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | IDENTICAL TO UNIT BA02. THE TWO BOILERS ARE SUBJECT TO THE ANNUAL | LOW-NOX BURNER AND BLUE GAS | | | | | | CORRECTED TO | | | |
| NV-0049 | COMPANY, INC. HARRAH'S OPERATING | 8/20/2009 | BA01 BOILER - UNIT | NATURAL GAS | 16. | 8 MMBTU/H | LIMIT OF COMBINED TOTAL OPERATING TIME FOR 10,900 HOURS PER YEAR. UNIT BA03 IS A KIWANEE BOLER AT BALLY'S LAS VEGAS. THE ANNUAL | RECIRCULATION | 0. | 3 LB/MMBTU | | 2 | 5 PPMVD @ 3% O | 2 3% OXYGEN CORRECTED TO | 0.0 | LB/MMBTU | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | NATURAL GAS | 31.3 | 8 MMBTU/H | OPERATING TIME IS LIMITED TO 2,920 HOURS PER YEAR. | LOW-NOX BURNER | 0.03 | 06 LB/MMBTU | 1 | 2 | PPMVD @ 3% O | 2 3% OXYGEN | 0.030 | LB/MMBTU | 1 |
| | | | | | _ | | UNIT CP01 IS A HURST BOILER AT CAESAR'S PALACE UNIT CP01 IS IDENTICAL TO | | | | | | | | | | |
| I | HARRAH'S OPERATING | | BOILER - UNIT | 1 | 1 | 1 | UNIT CP02 UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE | | | 1 | 1 | 1 | | CORRECTED TO | • | | 1 |
| NV-0049 | COMPANY, INC. | 8/20/2009 | CP01 | NATURAL GAS | 35. | 4 MMBTU/H | ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. UNIT CP03 IS A BURNHAM BOILER AT CAESARS PALACE. UNITS CP01 THROUGH | LOW NOX BURNER | 0.0 | 35 LB/MMBTU | - | 2 | 9 PPMVD @ 3% O | 2 3% OXYGEN | 0.03 | LB/MMBTU | 1 |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING | | | 1 | | | | CORRECTED TO | • | | |
| NV-0049 | COMPANY, INC. HARRAH'S OPERATING | 8/20/2009 | CP03 BOILER - UNIT | NATURAL GAS | 33.4 | 8 MMBTU/H | TIME FOR 33,520 HOURS PER YEAR. UNIT CP26 IS A UNILUX BOILER AT CAESAR'S PALACE. THE UNIT IS ALLOWED TO | LOW NOX BURNER | 0.03 | 57 LB/MMBTU | 1 | 3 | PPMVD @ 3% O | 2 3% OXYGEN CORRECTED TO | 0.036 | LB/MMBTU | 1 |
| NV-0049 | COMPANY, INC. | 8/20/2009 | CP26 | NATURAL GAS | 2 | 4 MMBTU/H | OPERATE UP TO 8 760 HOURS PER YEAR | LOW NOX BURNER | 0.01 | 08 LB/MMBTU | | 1 | PPMVD @ 3% O | | 0.010 | LB/MMBTU | |
| | | | | | | | UNIT PA15 IS A BRYAN BOILER AT PARIS CASINO RESORT, UNIT PA15 IS | | | | | | | | | | |
| | | | | | | | IDENTICAL TO UNIT PA16. UNIT PA14 IS A BRYAN BOILER RATED AT 17.0 MMBTU/HR. EACH OF THE THREE BOILERS IS SUBJECT TO THE LIMIT OF ANNUAL | | | 1 | | | | 1 | | | |
| l | HARRAH'S OPERATING | | BOILER - UNIT | | | | OPERATING TIME FOR 4,380 HOURS PER YEAR. THEY SHARE THE SAME BACT | | | | | | | CORRECTED TO | • | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | PA15 | NATURAL GAS | 2 | 1 MMBTU/H | DETERMINATIONS ON THE PER MMBTU BASIS. UNIT 1P04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT 1P04 IS IDENTICAL | LOW NOX BURNER | 0.03 | 66 LB/MMBTU | 1 | 3 | PPMVD @ 3% O | 2 3% OXYGEN | 0.036 | LB/MMBTU | 1 |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | TO UNIT IP05. EITHER BOILER IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER | | | 1 | | | | CORRECTED TO | • | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | IP04 | NATURAL GAS | 16. | 7 MMBTU/H | YEAR. | LOW NOX BURNER | 0.0 | 19 LB/MMBTU | 1 | 40. | 2 PPMVD @ 3% O | 2 3% OXYGEN | 0.004 | LB/MMBTU | 1 |
| | | | BOILERS - UNITS | | | | THE THREE UNITS ARE IDENTICAL NEBRASKA BOILERS, EACH OF WHICH IS | | | 1 | | | | 1 | | | |
| | | | CC001, CC002, | | | | RATED AT 41.64 MMBTU/HR. EACH UNIT IS ALLOWED TO OPERATE 24 HOURS/DAY | | | 1 | | | | | .1 | | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | AND CC003 AT CITY CENTER | NATURAL GAS | 41 6 | 4 MMBTU/H | AND UP TO 5,800 HOURS/ YEAR. THE EMISSION LIMITS REPORTED HEREIN ARE BASED ON THE ATC PERMIT FOR MODIFICATION #8 DATED MARCH 30, 2006. | LOW NOX BURNER AND FLUE GAS RECIRCULATION | 0.0 | 1 LB/MMBTU | | 1 . | PPMVD @ 3% O | CORRECTED TO 2 3.0% OXYGEN | 0.01 | LB/MMBTU | |
| | | | BOILERS - UNITS | | | | THE THREE UNITS ARE IDENTICAL CATERPILLAR BOILERS, EACH RATED AT 44 | | | | | | | | | | |
| | | | CC026, CC027 AND CC028 AT CITY | | | | MMBTU/HR. EACH UNIT IS SUBJECT TO THE ANNUAL LIMIT OF OPERATING TIME TO 5.800 HOURS. THE EMISSION LIMITS ARE BASED ON THE ATC PERMIT FOR | LOW NOX BURNER AND GOOD | | 1 | | | | CORRECTED TO | , [| | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | CENTER | NATURAL GAS | 4 | 4 MMBTU/H | MODIFICATION #13 DATED NOVEMBER 30, 2009. | COMBUSTION PRACTICES | 0.01 | 9 LB/MMBTU | | <u> </u> | PPMVD @ 3% O | | 0.010 | LB/MMBTU | <u> </u> |
| NY-0095 | CAITHNES BELLPORT | | AUXILIARY | | | 4 MMBTU/H | 4800 H/VP | LOW NOX BURNERS & FLUE GAS | | 1 LB/MMBTU | 1 | | | | | , | |
| N Y-0095 | ENERGY CENTER | 5/10/2006 | BUILER | NATURAL GAS | 29. | mmB1U/H | TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION. WITH | RECIRCULATION | 0.0 | LILB/MMBIU | + | + ' | U | _ | 1 | , | 1 |
| I | L | | | 1 | 1 | 1 | #2 OIL BACKUP | | | 1 | 1 | 1 | | 1 | | | 1 |
| OH-0309 | TOLEDO SUPPLIER PARK- PAINT SHOP | 5/3/2007 | BOILER (2), NATURAL GAS | NATURAL GAS | 20 | 4 MMBTU/H | TWO SET OF LIMITS, THIS ONE FOR NATURAL GAS | LOW NOX BURNERS AND FLUE GAS RECIRCULATION | | 72 LB/H | 1 | 3 | 5 T/YR | 1 | 0.03 | LB/MMBTU | 1 |
| | TITAN TIRE CORPORATION | | | | | | | | | | 1 | 3 | | | | | |
| OH-0323 | OF BRYAN | | BOILER | NATURAL GAS | | 4 MMBTU/H | | | | 47 LB/H | 1 | 10.8 | 2 T/YR | 1 | 5 | LB/MMSCF | AP-42 FACTOR |
| | REPUBLIC STEEL | 7/18/2012 | Steam Boiler | Natural Gas | 1 6 | 5 MMBtu/H | Natural Gas-fired stam boiler to vacuum tank degasser | 1 | 0.0 | 07 LB/MMBTU | 1 | 1 | D] | 1 | 1 |) | 1 |

| | | | | | | | | | IEMISSION | | LAVGTIME | TEMISSION | | IAVGTIME ISTANDARAD | | LAVG TIME |
|----------|---|--|--|----------------------------|------------|-------------------------------|---|--|-----------|---------------------------|-------------------------------------|-----------|---------------|------------------------------|--------------|------------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | UNIT | CONDITION | LIMIT 2 | UNIT | CONDITION EMISSION LIMIT | UNIT | CONDITION |
| *OH-0352 | OREGON CLEAN ENERGY CENTER | 6/18/2013 | Auxillary Boiler AUXILIARY | Natural Gas | g | 9 MMBtu/H | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, burning only natural gas. Boiler restricted to 2000 hours of operation per rolling 12-months. | low NOx burners and flue gas recirculation | 1.9 | 8 LB/H | | 1.90 | T/YR | PER ROLLING 12- MONTHS 0. |)2 LB/MMBTU | |
| OK-0129 | CHOUTEAU POWER PLANT | 1/23/2009 | BOILER | NATURAL GAS | 33. | 5 MMBTU/H | | LOW-NOX BURNERS | 0.0 | 7 LB/MMBTU | | 2.36 | LB/H | | 0 | |
| OK-0135 | PRYOR PLANT CHEMICAL | 2/23/2009 | BOILERS #1 AND #2 | NATURAL GAS | 8 | 0 MMBTU/H | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS PIECES OF EQUIPMENT AT THE FACILITY. | LOW-NOX BURNERS AND GOOD COMBUSTION PRACTICES | | 4 LB/H | 3-H/168-H ROLLING CUMMULATIVE | 0.5 | LB/MMBTU | STATE LIMIT | 0 | |
| | | | TB-1 Leased Boiler | | | | | | | | 365 DAY ROLLING | | | 365 DAY ROLLING | | |
| OK-0137 | PONCA CITY REFINERY | 2/9/2009 | No. 1 | Natural Gas | 9 | 5 MMBTU/H | | Ultra-low NOx burners (0.036lb/mmbtu) | 3.4 | 2 LB/H | AVERAGE | 15 | T/YR | AVERAGE | 0 | |
| | | | TB-2 Leased Boiler | | | | | ULNB- Ultra-low NOx burners , | | | 365 DAY ROLLING | | | 365 DAY ROLLING | | |
| OK-0137 | PONCA CITY REFINERY | 2/9/2009 | No.2 NATURAL GAS- | Natural Gas | 9 | 5 MMBTU/H | | 0.036lb/mmbtu | 3.4 | 2 LB/H | AVERAGE | 15 | T/YR | AVERAGE | 0 | |
| OR-0048 | CARTY PLANT TROUTDALE ENERGY | 12/29/2010 | FIRED BOILER | NATURAL GAS | 9 | 1 MMBTU/H | | LOW NOX BURNERS | 4. | 5 LB/H | 3-HR BLOCK | (|) | | 0 | |
| *OR-0050 | CENTER, LLC | 3/5/2014 | Auxiliary boiler | natural gas | 39. | 8 MMBtu/hr | | Utilize Low-NOx burners and FGR. | 0.03 | 5 LB/MMBTU | AVERAGE | (|) | | 0 | |
| | HICKORY RUN ENERGY | | AUXILIARY | | | | | | | | | | | 12-MONTH | | |
| *PA-0291 | STATION | 4/23/2013 | BOILER VACUUM | Natural Gas | 4 | 0 MMBTU/H | | | 0.01 | 1 LB/MMBTU | | 1.0 | T/YR | ROLLING TOTAL | 0 | |
| SC-0112 | NUCOR STEEL - BERKELEY | 5/5/2008 | DEGASSER BOILER | NATURAL GAS | 50.2 | 1 MMBTU/H | | ULTRA-LOW NOX NATURAL GAS FIRED BURNERS | 0.03 | 5 LB/MMBTU | | 1.7/ | LB/H | | S5 LB/MMBTU | |
| SC-0112 | KLAUSNER HOLDING USA, INC. | | NATURAL GAS BOILER EU003 | NATURAL GAS | | 6 MMBTU/H | | TIMED DORGERO | | 6 LB/MMBTU | 3-HOUR | | LB/H | 1-HOUR | o Livinimi C | |
| | KLAUSNER HOLDING USA, | | NATURAL GAS | | | | | | | | | | | | 0 | |
| SC-0149 | INC KLAUSNER HOLDING USA. | | BOILER EU004 NATURAL GAS | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.03 | 6 LB/MMBTU | 3-HOUR | | LB/H | 1-HOUR | 0 | |
| SC-0149 | INC KLAUSNER HOLDING USA, | 1/3/2013 | BOILER EU005 NATURAL GAS | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.03 | 6 LB/MMBTU | 3-HOUR | 1.66 | LB/H | 1-HOUR | 0 | |
| SC-0149 | INC | 1/3/2013 | BOILER EU006 | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.03 | 6 LB/MMBTU | 3-HOUR | 1.66 | LB/H | 1-HOUR | 0 | |
| | VOLKSWAGEN GROUP OF | | NATURAL GAS- | | | | | | | | | | | | | |
| *TN-0160 | AMERICA, CHATTANOOGA OPERATIONS | 10/10/2008 | FIRED BOILERS | NATURAL GAS | 2 | 4 MMBTU/H | THROUGHPUT IS HEAT INPUT FOR EACH BOILER. | LOW-NOX BURNERS, FLUE GAS RECIRCULATION | 3 | 0 PPMVD @ 3% O2 | 3% O2 DRY BASIS | | | | 0 | |
| TX-0501 | TEXSTAR GAS PROCESS FACILITY | 7/11/2004 | POWER STEAM BOILER | NATURAL GAS | | 3 MMBTU/H | | | | 9 LB/H | | 7.0 | T/YR | | | |
| 1 X-0301 | PACILITY | //11/2006 | BOILER | NATURAL GAS | , | 3 MMB1U/H | THE BOILER, EPN BLR, HAS SCR WITH LOW NOX BURNERS, A NOX LONG-TERM EMISSION FACTOR OF 0.007 LB NOX /MMBTU AND A SHORT-TERM EMISSION | | 8.3 | y LD/II | | 7.03 | 1/1K | | 0. | |
| | SABINA PETROCHEMICALS | | | NATURAL GAS | | | FACTOR OF 0.020 LB NOX /MMBTU TO ACCOMMODATE FOR HOT STANDBY. BECAUSE OF THE LOW ANNUAL EMISSION FACTOR, THIS WAS ACCEPTED AS | | | | HOURLY | | I R/MMRTU | | | |
| TX-0575 | LLC TENASKA BROWNSVILLE | 8/20/2010 | BOILER | NATURAL GAS | | 8 SCF/H | LAER. | LOW NOX BURNERS AND SCR | 0.0 | 2 LB/MMBTU PPMVD @ 15% | | 0.00 | LB/MMBTU | ANNUAL | 0 | |
| *TX-0713 | GENERATING STATION S R BERTRON ELECTRIC | 4/29/2014 | boiler | natural gas | | 0 MMBtu/hr | 50% annual capacity factor | ultra low-NOx burners, limited use | | 9 02 | @15% O2 | | | | 0 | |
| *TX-0714 | GENERATING STATION PORT OF BEAUMONT | 12/19/2014 | | natural gas | 8 | 0 MMBtu/hr | operation limitation of 4,000 hours per year | low-NOx burners | 0.03 | 6 LB/MMBTU | 3-HR ROLLING | |) | | 0 | |
| | PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | | | | | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) PORT OF BEAUMONT | 11/6/2015 | Boilers/Furnaces Commercial/Instituti | natural gas | 4 | 0 MMBtu/hr | Hot oil heater | Low NOx burners | 0.03 | 6 LB/MMBTU | | - | | | 0 | - |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PRPTT) | 11/6/2015 | onal-Size Boilers/Furnaces | natural gas | 95 | 7 MMBtu/hr | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary to reduce viscosity of heavy liquids. | Low NOx burners and flue gas recirculation | 0.01 | 1 LB/MMBTU | | | | | 0 | |
| | TERMINAL (PBPTT) PORT OF BEAUMONT PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | | | | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers | | *** | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) CHEYENNE PRAIRIE | 11/6/2015 | Boilers/Furnaces | natural gas | 13. | 2 MMBtu/hr | and heavy liquid storage tanks. | III. I NO I IA | 0. | 1 LB/MMBTU | 3 HOUR | (|) | 3 HOUR | 0 | |
| *WY-0075 | GENERATING STATION | 7/16/2014 | Auxiliary Boiler | natual gas | 25.0 | 6 MMBtu/h | | Ultra low NOx burners and flue gas recirculation | 0.017 | 5 LB/MMBTU | AVERAGE | 0.4 | LB/H | AVERAGE | 0 | |
| LA-0240 | FLOPAM INC. | 6/14/2010 | Boilers | natural gas | 25. | 1 MMBTU/H | | Ultra Low NOx Burners | 0.3 | 8 LB/H | HOURLY MAXIMUM | , | PPMVD @ 3% O2 | (2) OR (1) 0.0 | 15 LB/MMBTU | (1) OR (2) |
| *MI-0393 | RAY COMPRESSOR STATION | 10/14/2010 | Auxiliary Boiler | natural sas | | 5 MMBTU/H | Boiler provides building heat. | Low NOx burner. | | 3 LB/H | TEST METHOD | | LB/MMBTU | | 0 | |
| MI-0373 | BERKS HOLLOW ENERGY | 10142010 | ruxinii y Donci | manua gas | 12.2 | J. MAIDTON | noner provides outlang near. | LOW ITOX DAIREI. | | Livii | 12-MONTH | 0.05. | Lisministo | | | |
| *PA-0296 | ASSOC LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | 4 | 0 MMBtu/hr | | Use of natural gas | 1.0 | 1 T/YR | ROLLING TOTAL | . (|) | | 0 | |
| | Astoria Energy LLC | | Auxiliary Boiler | Natural Gas | 9 | 9 MMBtu/hr | | Clean Fuel | 0.01 | 1 LB/MMBTU | 1-hr average | 1.09 | LB/H | 3-hour block average | | |
| | Footprint Power Salem Harbor Development LP | | Auxiliary Boiler | Natural Gas | | 0 MMBtu/hr | | Pipeline quality NG | | 8 LB/H | 1-hr average | | lb/MMBtu | 1-hr average | | |
| | Footprint Power Salem | | | | | | | | 0.8 | PPMVD @ 15% | | 0.011 | мумими | average | | |
| | Harbor Development LP CPV Valley Energy Center | | Auxiliary Boiler | Natural Gas | 8 | 0 MMBtu/hr | | Pipeline quality NG Low NOx burners and flue gas re | | 9 02 | 1-hr average | - | | | 1 | |
| | Wawayanda, NY | | Auxiliary Boiler | Natural Gas | 73. | 5 MMBtu/hr | | circulation. | 0.04 | 5 LB/MMBTU | 1-hr average | | | | | |
| | Cricket Valley Energy Center | | Auxiliary Boiler | Natural Gas | 100 | 3 MMBtu/hr | | | 0.01 | 1 LB/MMBTU | | | | | | |
| | Pioneer Valley Energy | | | | | | | | | | | | | | | |
| | Center Tenaska Partners LLC | - | Auxiliary Boiler Auxiliary Boiler | Natural Gas Natural Gas | | l MMBtu/hr 5 MMBtu/hr | | | | 9 LB/MMBTU 1 LB/MMBTU | | | LB/H T/YR | 12-month rolling | | |
| | SUNBURY GENERATION | | · · | | | | | | | | | | | | | |
| | LP SUNBURY GENERATION | | Auxiliary Boiler | Natural Gas | 10 | 6 MMBTU/hr | | | 0.03 | 6 LB/MMBTU | 12 month-period | 3.82 | LB/H | 12 month-period | + | |
| | LP | | Auxiliary Boiler | Natural Gas | 10 | 6 MMBTU/hr | | | 7. | 6 T/YR | | | | | | |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 1 | 5 MMBTU/hr | | | 0.08 | 5 LB/MMBTU | 12 month-period | 1.27 | LB/H | 12 month-period | | |
| | SUNBURY GENERATION | | | | | | | | | | | | | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 1 | 5 MMBTU/hr MMBTU per 12 mo | | | | 5 T/YR | | 1 | | | + | - |
| | Kalama Energy Center | - | Auxiliary Boiler | Natural Gas | 15987 | 0 rolling | | | 1 | 2 PPMVD @ 3% O2 | 1-hr avg | 0.54 | LB/H | 1-hr avg | 1 | 1 |
| | LAWRENCE ENERGY CENTER LLC | | Auxiliary Boiler | Natural Gas | 9 | 9 MMBTU/hr | | | 0.0 | 5 LB/MMBTU | | 4.95 | LB/H | 12 month-period | | |
| | PacifiCorp's Lake Side | | Auxiliary Boiler | Natural Gas | | 2 MMBTU/hr | | | | 7 LB/MMBTU | 3-hr | | | | | |
| | Power Plant PacifiCorp's Lake Side | | #1 Auxiliary Boiler | inaturai Gas | | | | | | | 3-hr | 1 | | | 1 | |
| | Power Plant | | #2 | Natural Gas | 61. | 2 MMBTU/hr | | | 0.01 | 7 LB/MMBTU | 3-hr | 1 | | | 1 | - |
| | PA STATE UNIV/UNIV PARK CAMPUS | | WCSP Boiler 1 | Natural Gas | 140.19 | 6 MCF/hr | | | 0.5 | 5 LB/MMBTU | | | | | | |
| | PA STATE UNIV/UNIV PARK CAMPUS | | WCSP Boiler 2 | Natural Gas | | 6 MCF/hr | | | | 5 LB/MMBTU | | | | | | |
| | PA STATE UNIV/UNIV | | | | | | | | | | | | | | | <u> </u> |
| | PARK CAMPUS | | WCSP Boiler 6 | Natural Gas | 151.9 | 6 MCF/hr | | | 0.5 | 5 LB/MMBTU | | | | | | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|--------|---|----------------------|----------------------|--------------|------------|-----------------|---------------|----------------------------|---------------------|----------|-----------------------|---------------------|------|-----------------------|-----------------------------|------|-----------------------|
| | PA STATE UNIV/UNIV | | | | | | | | | | | | | | | | \top |
| | PARK CAMPUS | | WCSP Boiler 8 | Natural Gas | 151.96 | MCF/hr | | | 0.55 | LB/MMBTU | | | | | | | |
| | PA STATE UNIV/UNIV | | | | | | | | | | | | | | | | |
| | PARK CAMPUS | | ECSP Boiler 1 | Natural Gas | 127.45 | MCF/hr | | | 0.2 | LB/MMBTU | | 107.5 | T/YR | any 12 mo | | | |
| | PA STATE UNIV/UNIV | | | | | | | | | | | | | | | | |
| | PARK CAMPUS | | ECSP Boiler 2 | Natural Gas | 127.45 | MCF/hr | | | 0.2 | LB/MMBTU | | 107.5 | T/YR | any 12 mo | | | |
| | Sevier Power Company | | Auxiliary Boiler | | | | | | | | | | | | | | |
| | Power Plant | | | Natural Gas | 85 | Mmbtu/hr | | | 0.017 | LB/MMBTU | 3-hr | | | | | | |
| | | | Auxiliary Boilers #1 | | | | | | | | | | | | | | |
| | St. Joseph's Energy Center | | and #5 | Natural Gas | 83 | MMBtu/hr | | | 0.032 | LB/MMBTU | 3-hr | 2.56 | LB/H | 3-hr | | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 61 | MMBtu/hr | | Use of natural gas | 0.0086 | lb/MMBtu | | 2.3 | T/YR | | | | |
| | MOUNDSVILLE COMBINED CYCLE POWER PLANT | | Auxiliary Boiler | Natural Gas | 100 | MMBtu/hr | | | 2 | LB/H | | 2 | T/YR | | | | |

Table D-B-2 Carbon Monoxide (CO) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|----------|---|----------------------|------------------------------------|-----------------|------------|-----------------|---|---|---------------------|-----------------|-------------------------------|---------------------|--------------|-----------------------|--|-----------|-----------------------|
| L-0356 | OKEECHOBEE CLEAN ENERGY CENTER | 3/9/201 | Auxiliary Boiler, 99.8 MMBtu/hr | Natural gas | 99 | 8 MMBtu/hr | Fires only natural gas. Limited to 2000 hr/yr. | Proper combustion prevents CO | 0.00 | 8 LB/MMBTU | | |) | | Ι . | | |
| | DANIA BEACH ENERGY | | 99.8 MMBtu/hr | | | | | | | | | | | | | | |
| FL-0363 | CENTER | 12/4/201 | NATURAL GAS | Natural gas | 99. | 8 MMBtu/hr | Fueled only with natural gas. | Clean fuel | 0.00 | 8 LB/MMBTU | + | - |) | | |) | + |
| | | | AUXILIARY BOILERS (EU- | | | | | GOOD COMBUSTION PRACTICES AT | | | | | | | | | |
| | MIDWEST FERTILIZER | | 012A, EU-012B, | EU- NATURAL | | | | ALL TIMES THE BOILERS ARE IN | | | 3 HOUR | | MMCF/12 | ROLLING | | | |
| N-0263 | COMPANY LLC LAKE CHARLES | 3/23/201 | 7 012C) Auxiliary Boilers | GAS | 218.0 | MMBTU/H | Supplement fuel: fuel gas | OPERATION good engineering design and good | 37.22 | LB/MMCF EACH | AVERAGE | 1877.39 | MONTH EACH | AVERAGE | - | | |
| LA-0305 | METHANOL FACILITY | 6/30/201 | Superheaters | Natural Gas | | 0 | Boilers: 225 MM BTU/hr each | combustion practices | | 0 | | |) | | | | |
| LA-0307 | MAGNOLIA LNG FACILITY | 3/21/201 | Auxiliary boilers | natural gas | 17 | mm btu/hr | | good combustion practices | | 0 | | - |) | | - | | |
| | DTE GAS COMPANY= | | | | | | Two natural gas-fired auxiliary boilers, each rated at 6 MMBTU/H fuel heat input. The boilers are | | | | | | | | | | |
| MI-0420 | MILFORD COMPRESSOR STATION | 6/3/201 | FGAUXBOILE | S Natural gas | 1 . | MMBTU/H | identified as EUAUXBOIL2 and EUAUXBOIL3 within the flexible group FGAUXBOILERS. The boilers are subject to 40 CFR Part 63 Subpart DDDDD, which requires tune ups. | Good combustion practices and clean burn fuel (pipeline quality natural gas) | 0.00 | 8 LB/MMBTU | TEST PROTOCOL | Ι, | | | 1 . | | |
| 0420 | DIMION | 0.5/201 | , i cate about | J Huturur gas | | , man Di Coli | The object are subject to 40 c. 12 fair to 5 duplat 155555, which requires take up. | ruer (pipenie quant) natural gar) | 0.00 | Limini | | | | | | 1 | |
| | | | EUAUXBOILEI | | | | | | | | TEST PROTOCOL WILL SPECIFY | | | | | | |
| MI-0423 | INDECK NILES, LLC | 1/4/201 | (Auxiliary Boiler | | 18: | MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | Good combustion practices. | 0.0 | 4 LB/MMBTU | AVG TIME | |) | | - |) | |
| | HOLLAND BOARD OF | | | | | | | | | | TEST PROTOCOL | | | | | | |
| | PUBLIC WORKS - EAST 5TH | | EUAUXBOILE | . | | | | | | | WILL SPECIFY | | | | | | |
| MI-0424 | STREET | 12/5/201 | (Auxiliary boiler FGAUXBOILEI | natural gas | 83.: | MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). | Good combustion practices. | 0.07 | 7 LB/MMBTU | AVG TIME | - |) | | ' | | + |
| | | | (6 auxiliary boile EUAUXBOIL2/ | S | | | | | | | | | | | | | |
| | | | EUAUXBOIL2/ | | | | Four natural gas-fired auxiliary boilers, each rated at 3 MMBTU/H fuel heat input | | | | | | | | | | |
| | | | EUAUXBOIL2E | | | | (EUAUXBOIL2A, EUAUXBOIL3A, EUAUXBOIL2B and EUAUXBOIL3B in | | | | | | | | | | |
| | DTE GAS COMPANY - MILFORD COMPRESSOR | | EUAUXBOIL3E EUAUXBOIL20 | : | | | FGAUXBOILERS) and two natural gas-fired auxiliary boilers, each rated at 1 MMBTU/H fuel heat input (EUAUXBOIL2C and EUAUXBOIL3C in FGAUXBOILERS). The boilers are | Good combustion practices and clean burn | | | | | | | | | |
| MI-0426 | STATION | 3/24/201 | EUAUXBOIL30 |) Natural gas | | MMBTU/H | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | fuel (pipeline quality natural gas). | 8- | LB/MMSCF | EACH BOILER | | | 1 | 1 | | 1 |
| | | | EUAUXBOILEI | . | | | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTGHRSG train and to provide the required steam to support the startup of the facility, including but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | | 1 | | 1 | | | | 1 | | 1 |
| | MEC NORTH, LLC AND MEC | | (North Plant): | | | S MMBTU/H | but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | L | | | | l . | | | | | |
| *MI-0433 | SOUTH LLC | 6/29/201 | Auxiliary Boilde | Natural gas | 61.: | mMB1U/fl | our nor infinite to seam to spanging, 510 seas, etc. The auxiliary botter is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | Good combustion practices. | 0.00 | B LB/MMBTU | HOURLY | · ' | 1 | + | + | 1 | + |
| | | | EUAUXBOILE | . | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | | | | | | | | | | |
| *MI-0433 | MEC NORTH, LLC AND MEC SOUTH LLC | 6/29/201 | (South Plant): Auxiliary Boiler | Natural gas | 61.: | MMBTU/h | NOX burners (LNB) and flue gas recirculation (FGR). | Good combustion practices. | 0.00 | 8 LB/MMBTU | HOURLY | ١ , | , | | 1 . | | |
| | | | | | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the | · | | | | | | | | | |
| | BELLE RIVER COMBINED | | EUAUXBOILE | . | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMB1U/H to facilitate startup of the CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | | | | | | | | | | ' |
| *MI-0435 | CYCLE POWER PLANT PSEG FOSSIL LLC | 7/16/201 | Auxiliary Boiler | Natural gas | 99.9 | MMBTU/H | is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices | 0.07 | LB/MMBTU | HOURLY AV OF THREE | 7.49 | LB/H | HOURLY | - |) | <u> </u> |
| | SEWAREN GENERATING | | Auxiliary Boiler | | | | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBtu/hr (HHV) permitted to | Use of good combustion practices and use | | | ONE H STACK | | | | | | 1 |
| VJ-0084 | STATION | 3/10/201 | firing natural gas | natural gas | 81 | mmBtu/hr | operate for 8760 hrs/yr. | of natural gas a clean burning fuel | 2.81 | 8 LB/H | AV OF THREE | |) | | - | | |
| | | | | | | | | USE OF NATURAL GAS A CLEAN | | | ONE H STACK | | | | | | ' |
| NJ-0085 | MIDDLESEX ENERGY CENTER, LLC | 7/10/201 | AUXILIARY BOILER | Natural GAS | 400 | H/YR | | BURNING FUEL AND GOOD COMBUSTION PRACTICES | 20 | LB/H | TESTS INITIALLY | Ι. | | | l . | | 1 |
| NJ-0085 | CRICKET VALLEY ENERGY | //19/201 | BOILER | Naturai GAS | | | | COMBUSTION PRACTICES | | | INITIALLY | , | , | | <u> </u> | , | |
| NY-0103 | CENTER CPV FAIRVIEW ENERGY | 2/3/201 | Auxiliary boiler | natural gas | 6 | MMBTU/H | Limited to 4,500 H/YR | good combustion practice | 0.0375 | LB/MMBTU | 1 H AVG OF 3 1-HR | |) | 12-MONTH | <u> </u> | | |
| *PA-0310 | CENTER | 9/2/201 | Auxilary boiler | Natural Gas | 92. | 4 MMBtu/hr | Operation of the auxiliary boiler shall not exceed 4000 hrs in any continuous 12-month period. | ULSD and good combustion practices | 0.03 | LB/MMBTU | TEST RUNS | 6.8 | TPY | ROLLING BASIS | : |) | |
| *WV-0029 | HARRISON COUNTY POWER PLANT | 2/27/201 | Auxiliary Boiler | Natural Gas | 777 | 8 mmBtu/hr | Annual emission based on 4600 hours/year. | Good Combustion Practices | 2.01 | 8 LB/HR | | 6.51 | TONS/YEAR | | 0.02 | LB/MMBTU | ' |
| | KENAI NITROGEN | | Five (5) Waste F | at | | | | Cook Combinion Frances | | PPMVD @ 15% | 3-HR AVG @ 15 | 0.54 | , TORB TERM | | | Larminare | + |
| *AK-0083 | OPERATIONS | 1/6/201 | 3 NATURAL G | Natural Gas | 51 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 50 | 0 02 | % O2 | |) | | - ' |) | |
| | | | FIRED BOILER | 5 | | | | | | | | | | | | | ' |
| | THYSSENKRUPP STEEL | | WITH ULNB & amp; EGR (53 | - NATURAL | | | | | | | | | | | | | ' |
| AL-0230 | AND STAINLESS USA, LLC | 8/17/200 | | GAS NATURAL | 64.9 | MMBTU each | THIS PROCESS IS COVERED UNDER 503-0095-X026. | | 0.0 | 4 LB/MMBTU | | 2.63 | LB/H | | - | | |
| AR-0090 | NUCOR STEEL, ARKANSAS | 4/3/200 | BOILERS, SN-5 | | 12.0 | MMBTU EACH | | GOOD COMBUSTION PRACTICE | 3.3 | LB/H | | 13.5 | T/YR | | 0.08 | LB/MMBTU | 1 |
| | | | | | | | EQUIP: WATERTUBE, MFR: NEBRASKA BOILER, INC., TYPE: STEAM BOILER, MODEL: NS-E-64-ST-CA-HM-AL, FUNC EQUIP: PROVIDE STEAM AND HOT WATER., | | | | | | | | | | |
| | | | | | | | FUEL_TYPE: MAY INSTALL DIESEL OIL BACKUP IN FUTURE., SCHEDULE: | | | | | | | | | | 1 |
| | | | | | | | CONTINUOUS, H/D: 24, D/W: 7, W/Y: 52, NOTES: THREE IDENTICAL STEAM BOILERS INSTALLED. FACILITY CONSIDERING ADDING BACK-UP DIESEL OIL FIRING | | | | THREE 30-MIN | | | | | | |
| | | | BOILER: >= | 0 NATURAL | | | CAPABILITY FOR EMERGENCY USE. SOURCE TEST RESULTS: SOURCE TEST | ULTRA LOW NOX BURNERS: | | | SAMP PERIODS | | | | | | |
| CA-1127 | GENENTECH, INC. | 9/27/200 | MMBTU/H | GAS | 9 | MMBTU/H | RESULTS PENDING. | NATCOM P-97-LOG-35-2127 | 50 | PPMVD @ 3% O2 | AV | - | | - | + - | - | + |
| | | | | | | | EQUIP: THREE 25 MMBTU/H STEAM BOILERS WITH FUEL OIL (AMBER 363) | | | | | | | | | | |
| | 1 | | | | | | BACKUP, MFR: CLEAVER-BROOKS, TYPE: STEAM BOILER, MODEL: 4WI700-600- 150ST, FUNC EQUIP: PROVIDES HEAT TO A NEW HOSPITAL, FUEL_TYPE: BACKUP | | | | | | | | | | 1 |
| | | | | | | | WITH AMBER 363 (BACT) UP TO 192 HRS/YR, SCHEDULE: CONTINUOUS, H/D: 24, | | 1 | | 1 | | | | 1 | | 1 |
| | COTTAGE HEALTH CARE - | | BOILER: 5 TO 8 | It- NATURAL | | MMRTU/H (75 | D/W: 7, W/Y: 52, NOTES: BACT FOR BACKUP FUEL OIL IS: USE OF LOW NITRIGEN FUEL (AMBER 363) AND A LOW NOX BURNER. NOX BACT IS 40 PPMVD AT 3% O2 | | 1 | | 1 | | | | 1 | | 1 |
| CA-1128 | PUEBLO STREET | 5/16/200 | 33.5 MMBTU/H | GAS | 2: | MMBTU/H | AND CO BACT IS 50 PPMVD AT 3% O2. SOURCE TEST RESULTS: | ULTRA-LOW NOX BURNER | 50 | PPMVD @ 3% O2 | 6-MIN AV | | | | 1 | | |
| CA-1191 | VICTORVILLE 2 HYBRID POWER PROJECT | 3/11/201 | AUXILIARY BOILER | NATURAL GAS | 3 | MMBTU/H | | OPERATIONAL RESTRICTION OF 500 HR/YR | 9 | 0 PPMVD @ 3% O2 | 1-HR AVG, @3% | | | | | | |
| | | 3/10/201 | | | 1 | | | HR/YR ULTRA LOW NOX BURNER, USE PUG | 1 | | 1 | <u> </u> | | | 1 | | 1 |
| | 1 | | AUXILIARY | NATURAL | | | | QUALITY NATURAL GAS, OPERATIONAL RESTRICTION OF 46. | 1 | | 3-HR AVG, @3% | | | | | | 1 ' |
| CA-1192 | AVENAL ENERGY PROJECT | 6/21/201 | BOILER ONE GASEOUS | GAS | 37. | MMBTU/H | | 675 MMBTU/YR | 50 | PPMVD @ 3% O2 | 02 | | | | 1 - | | ' |
| | | | ONE GASEOUS FUELED 99 | 1 | | | | | 1 | | 1 | | | | 1 | | 1 ' |
| | | | MMTU/HR | | | | | | 1 | | 1 | | | | | | 1 ' |
| FL-0285 | PROGRESS BARTOW POWER PLANT | 1/26/200 | AUXILIARY BOILER | NATURAL GAS | 9 | MMBTU/H | | | 0.00 | B LB/MMBTU | | 40 | PPMVD @ 3% C | 02 | 1 . | | 1 ' |
| | 1 | | TWO 99.8 | | 1 | | | | 0.00 | | | 40 | 1 | | 1 | | |
| | | | MMBTU/H GAS | | | | | | 1 | | 1 | | | | 1 | | 1 ' |
| | FPL WEST COUNTY | | AUXILIARY | NATURAL | | l | | | 1 | | 1 | | | | | | 1 |
| FL-0286 | ENERGY CENTER | 1/10/200 | BOILERS | GAS | 99. | MMBTU/H | PRODUCE 85,000 LB/HR STEAM EACH | | 0.00 | 8 LB/MMBTU | 1 | - |) | + | + ' |) | + |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying | | 1 | | 1 | | | | 1 | | 1 |
| | 1 | | Four(4) Natural | ias | | | process. Two boilers each share a common stack for a total of two stacks. In the initial phase of construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | 1 |
| T 0225 | CLIMANDIDE ASSET | 9/5/201 | Boilers - 46 | N | 1 . | 6 MMBTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. | C. I C. I C. I | | LB/MMBTU | | | , | | | , | 1 |
| FL-0335 | SUWANNEE MILL | 9/5/201 | MMBtu/hour | Natural Gas | 4 | MMBIU/H | Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | 0.039 | LB/MMBTU | AVERAGE OF 3 | <u> </u> | 1 | + | + ' | 1 | + |
| | MARSHALLTOWN | | | 1 | | | | | 1 | | ON-HOUR TEST | | | | | | 1 ' |
| *IA-0107 | GENERATING STATION | 4/14/201 | auxiliary boiler | natural gas | 60. | mmBtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | CO catalytic oxidizer | 0.016 | 4 LB/MMBTU | IKUNS | | 4 | | | 1 | |

Table D-B-2 Carbon Monoxide (CO) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT | INIT PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|---------------------|---|----------------------|--|------------------------|------------|-------------------|--|---|---------------------|---------------|-------------------------------------|---------------------|--------------------|------------------------------|-----------------------------|---------------|-----------------------|
| | ST. JOSEPH ENEGRY | | TWO (2) NATURAL GAS AUXILIARY | NATURAL | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | | | | | | | | | | |
| IN-0158 | CENTER, LLC | 12/3/2012 | BOILERS | GAS | 81 | 0 MMBTU/H | GENERATING UNIT. | GOOD COMBUTSTION PRACTICES | 0.083 | LB/MMBTU | 3 HOURS | 6.6 | 4 LB/H | 3 HOURS | 1 | 0 | |
| A-0240 | FLOPAM INC. | 6/14/2010 | Boilers | natural gas | 25 | 1 MMBTU/H | | Good equipment design and proper combustion practices | 0.93 | I B/H | HOURLY MAXIMUM | 0.03 | 7 LB/MMBTU | | 1 | 0 | |
| | | | | | | | | | | | 1 HR BLOCK AVG DOES NOT | - | | 1 HR BLOCK AVG DOES NOT | | | |
| | SALEM HARBOR STATION | | | | | | | | | | APPLY DURING | | | APPLY DURING | | | |
| 'MA-0039 | REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | 81 | 0 MMBtu/hr | NATURAL GAS FUEL ONLY OPERATION OF LOW-NOX BURNER TECHNOLOGY | Oxidation catalyst | 4.3 | PPMVD @ 3% O2 | SS 3-HOUR | 0.003 | 5 LB/MMBTU | SS | | 0 | |
| | | | AUXILLARY | NATURAL | | | FLUE GAS RECIRCULATION (FGR), GOOD COMBUSTION CONTROLS, MAX HEAT | | | | AVERAGE | | | | | | |
| MD-0041 | CPV ST. CHARLES | 4/23/2014 | BOILER | GAS | 9: | 3 MMBTU/H | INPUT OF 372,000 MMBTU/HR NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER | GOOD COMBUSTION PRACTICES EXCLUSIVE USE OF PIPELINE | 0.00 | LB/MMBTU | BLOCK | - | 0 | | - | 0 | |
| | WILDCAT POINT | | AUXILLARY | NATURAL | | | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | QUALITY NATURAL GAS AND GOOL |) | | 3-HOUR BLOCK | | | | | | |
| MD-0042 | GENERATION FACILITY | 4/8/2014 | BOILER | GAS | 4: | 5 MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD | COMBUSTION PRACTICES | 0.036 | LB/MMBTU | AVERAGE | _ | 0 | | - | 0 | |
| | | | FGAUXBOILERS: | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | | | | | | | |
| | THETFORD GENERATING | | Two auxiliary boilers < 100 MMBTU/H | | | MMBTU/H heat in | but Fuel usage limited to not more than 416.3 MMscf of natural sas in each boiler per 12-month | | | | HEAT INPUT. TEST PROTOCOL | | | | | | |
| *MI-0410 | STATION | 7/25/2013 | heat input each | natural gas | 100 | 0 each | rolling timeperiod as determined at the end of each month. | Efficient combustion. | 0.075 | LB/MMBTU | WILL SPECIFY | | 0 | | | 0 | |
| | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler B | | | | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB | | | | | | | | | | |
| *MI-0412 | STREET | 12/4/2013 | (EUAUXBOILERB) | natural gas | 9: | 5 MMBTU/H | within flexible group FGAUXBOILERS). | Good combustion practices. | 0.07 | LB/MMBTU | TEST PROTOCOL | | 0 | | | 0 | |
| | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler A | | | | One natural gas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA | | | | | | | | | | |
| *MI-0412 | STREET | 12/4/2013 | (EUAUXBOILERA) SMALL BOILERS | natural gas | 5: | 5 MMBTU/H | within flexible group FGAUXBOILERS). | Good combustion practices | 0.07 | LB/MMBTU | TEST PROTOCOL | | 0 | | | 0 | |
| | | | SMALL BOILERS | | | | | | | | | | | | | | |
| | MINNESOTA STEEL | | HEATERS(<100 | NATURAL | | | | | | | 1 HOUR | | | 1 HOUR | | | |
| MN-0070 | INDUSTRIES, LLC | 9/7/2007 | MMBTU/H) | GAS | 9 | 9 MMBTU/H | The amiliant hailes will have a maximum set of heat conseity of 0.1.6 MMPm/h and will be limite | | 0.00 | LB/MMBTU | AVERAGE | 8. | 2 LB/H | AVERAGE | _ | 0 | |
| | | | | | 1 | | The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limite to natural gas firing only. It will be operated for the purposes of supplying steam during the start- | | | | | | | | | | |
| | | | Commercial/Instituti | | | | up of the combined cycle unit. | | 1 | | | | | | | | 1 |
| | WOODBRIDGE ENERGY | | onal size boilers less | | | | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | Use of natural gas and good combustion | 1 | | AVERAGE OF | | | | | | 1 |
| NJ-0079 | CENTER HESS NEWARK ENERGY | 7/25/2012 | than 100 MMBtu/hr Boiler less than 100 | natural gas | 200 | 0 hours/year | LAER. | practices | 3.4 | LB/H | THREE TESTS AVERAGE OF | - | 0 | + | - | 0 | |
| NJ-0080 | HESS NEWARK ENERGY CENTER | | Boiler less than 100 MMBtu/hr | Natural Gas | 51.5 | 9 mmcubic ft/year | | use of natural gas a clean fuel | 2.45 | LB/H | THREE TESTS | | 0 | | 1 | 0 | |
| | | | | | | | THE BACT DETERMINATIONS REPORTED HERIN ARE SPECIFICALLY FOR THE | | | | | | | | | | |
| | | | | | | | TWO HURST BOILERS INSTALLED AT CAESAR'S PALACE. EACH OF THEM HAS A | | | | | | | | | | |
| | | | | | | | RATED HEAT INPUT OF 35.4 MMBTU/HR. THE PERMITTING ACTION ALSO | | | | | | | | | | |
| | | | | | | | APPROVED THE INSTALLATION OF A NUMBER OF SMALL BOILERS, ALL OF WHICH HAVE A RATED HEAT INPUT BELOW THE THRESHOLD OF INSTITUTIONAL SIZE | | | | | | | | | | |
| | | | | | | | HAVE A RATED HEAT INPUT BELOW THE THRESHOLD OF INSTITUTIONAL SIZE. NATURAL GAS IS THE ONLY FUEL USED FOR ALL BOILERS FOR THIS FACILITY. | | | | | | | | | | |
| | HARRAH'S OPERATING | | COMMERCIAL/IN STITUTIONAL- | NATURAL | | | THE TOTAL INCREASE OF RATED HEAT INPUT FOR ALL THE NEW BOILERS IS 100. MMBTU/HR. THE TWO NEW HURST BOILERS HAVE THE COMBINED RATED HEAT | | | | | | | | | | |
| NV-0044 | COMPANY, INC. | 1/4/2007 | SIZE BOILERS | GAS | 35.4 | 4 MMBTU/H | INPUT OF 70.8 MMBTU/HR, ACCOUNTING FOR 70% OF THE TOTAL INCREASE. THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 | GOOD COMBUSTION DESIGN | 0.036 | LB/MMBTU | | 4 | 9 PPMVD @ 3% 0 | 2 3% OXYGEN | 0.03 | 6 LB/MMBTU | |
| | | | BOILERS/HEATER S - NATURAL GAS- | NATURAL | | | THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 (RITE BOILER, 6.5 MMBTU/HR) IS SELECTED TO SHOW THE BACT | | | | | | | | | | |
| NV-0047 | NELLIS AIR FORCE BASE | 2/26/2008 | FIRED | GAS | | | DETERMINATIONS | FLUE GAS RECIRCULATION | 0.03 | LB/MMBTU | | 5 | 0 PPMVD @ 3% 0 | 22 3% OXYGEN CORRECTED TO | 0.03 | 7 LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | 14.2 | 4 MMBTU/H | UNIT FLOI IS A JOHNSTON BOILER AT FLAMINGO LAS VEGAS. THIS UNIT MAY | FLUE GAS RECIRCULATION | 0.070 | LB/MMBTU | | | 5 PPMVD @ 3% | CORRECTED TO 3% OXYGEN | 0.070 | 5 LB/MMBTU | |
| X Y = 0.045 | | 8/20/2009 | | UAS | 14.5 | 4 MMBTOIT | OPERATE 8,760 HOURS PER YEAR. UNIT BA01 IS A KEWANEE BOILER AT BALLY'S LAS VEGAS. UNIT BA01 IS | PLUE GAS RECIRCULATION | 0.070. | LBMMBTC | | | 5 FFM VD (22 376 V | | | O LIS MINISTO | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | | 8 MMBTU/H | IDENTICAL TO UNIT BA02. THE TWO BOILERS ARE SUBJECT TO THE ANNUAL LIMIT OF COMBINED TOTAL OPERATING TIME FOR 10,900 HOURS PER YEAR. | FLUE GAS RECIRCULATION | 0.017 | LB/MMBTU | | , | 3 PPMVD @ 3% (| CORRECTED TO 3% OXYGEN | 0.017 | 3 LB/MMBTU | |
| N V-0049 | | 8/20/2009 | | UAS | 10. | 8 MMBTU/H | | OPERATING IN ACCORDANCE WITH | 0.017. | LEMMETO | | | 5 PPMVD (a) 576 V | | | 3 LB/MMB1U | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | 21.2 | 8 MMBTU/H | UNIT BA03 IS A KIWANEE BOLER AT BALLY'S LAS VEGAS. THE ANNUAL OPERATING TIME IS LIMITED TO 2,920 HOURS PER YEAR. | THE MANUFACTURER'S SPECIFICATION. | 0.017 | LB/MMBTU | | , | 3 PPMVD @ 3% | CORRECTED TO 3% OXYGEN | 0.017 | 2 LB/MMBTU | |
| N V -0049 | COMPANT, INC. | 8/20/2009 | BAUS | UAS | 31.5 | 8 MMBIU/H | | | | LD/MMD1U | | | 3 PPMVD (a) 376 V | 02 3% OX 1 GEN | 0.017 | 2 LB/MMB1U | |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | UNIT CP01 IS A HURST BOILER AT CAESARS PALACE. UNIT CP01 IS IDENTICAL TO UNIT CP02. UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S | I | | | | | CORRECTED TO | , | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | GAS | 35. | 4 MMBTU/H | ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | SPECIFICATION | 0.0073 | LB/MMBTU | | 2 | 9 PPMVD @ 3% (| | | 3 LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | UNIT CP03 IS A BURNHAM BOILER AT CAESAR'S PALACE. UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING | OPERATING IN ACCORDANCE WITH | I | | | | | CORRECTED TO | | | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | | GAS NATURAL | 33.4 | 8 MMBTU/H | CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | THE MANUFACTURERS SPECIFICATION | 0.0075 | LB/MMBTU | | 3 | 0 PPMVD @ 3% (| | 0.007 | 5 LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | | OPERATING IN ACCORDANCE WITH | I | | | | | CORRECTED TO | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | GAS | 2- | 4 MMBTU/H | UNIT CP26 IS A UNILUX BOILER AT CAESAR'S PALACE. THE UNIT IS ALLOWED TO OPERATE UP TO 8.760 HOURS PER YEAR. | THE MANUFACTURER'S SPECIFICATION | 0.03 | LB/MMBTU | | 5 | 0 PPMVD @ 3% | | | 7 LB/MMBTU | |
| | · | | | | | | OPERATE UP TO 8,760 HOURS PER YEAR. UNIT PAIS IS A BRYAN BOILER AT PARIS CASINO RESORT. UNIT PAIS IS IDENTICAL TO UNIT PAI6. UNIT PAI4 IS A BRYAN BOILER RATED AT 17,0 | | | | | | | | | | |
| | | | | | | | MMBTU/HR. EACH OF THE THREE BOILERS IS SUBJECT TO THE LIMIT OF ANNUAL | OPERATING IN ACCORDANCE WITH | ı | | | | | | | | |
| NV-0049 | HARRAH'S OPERATING | 0.00 | BOILER - UNIT | NATURAL | | 1 MMBTU/H | OPERATING TIME FOR 4,380 HOURS PER YEAR. THEY SHARE THE SAME BACT | THE MANUFACTURER'S SPECIFICATION | | I DAGGETT | | | 1 nm (1/2 | CORRECTED TO |) | e I DA O COTT | 1 |
| N V-0049 | COMPANY, INC. | 8/20/2009 | | UAS | 2 | I MMB1U/H | DETERMINATIONS ON THE PER MMBTU BASIS. UNIT IP04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT IP04 IS IDENTICAL | OPERATING IN ACCORDANCE WITH | 0.840 | LB/MMBTU | | 11- | 4 PPMVD @ 3% 0 | | | 8 LB/MMBTU | _ |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | TO UNIT IP05. EITHER BOILER IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER | THE MANUFACTURER'S | | | | | | CORRECTED TO | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | GAS | 16. | 7 MMBTU/H | YEAR. | SPECIFICATION | 0.0074 | LB/MMBTU | | 10 | 0 PPMVD @ 3% 0 | 02 3% OXYGEN | 0.007 | 4 LB/MMBTU | - |
| | | | BOILERS - UNITS | | | | THE THREE UNITS ARE IDENTICAL NEBRASKA BOILERS, EACH OF WHICH IS | | 1 | | | | | | | | |
| | | | CC001, CC002, AND CC003 AT | NATURAL | | | RATED AT 41.64 MMBTU/HR. EACH UNIT IS ALLOWED TO OPERATE 24 HOURS/DAY AND UP TO 5.800 HOURS/ YEAR. THE EMISSION LIMITS REPORTED HEREIN ARE | GOOD COMBUSTION PROACTICES AND LIMITING THE FUEL TO | 1 | | | | | CORRECTED TO | , | | 1 |
| NV-0050 | MGM MIRAGE | 11/30/2009 | CITY CENTER | GAS | 41.6 | 4 MMBTU/H | BASED ON THE ATC PERMIT FOR MODIFICATION #8 DATED MARCH 30, 2006. | NATURAL GAS ONLY | 0.0184 | LB/MMBTU | | 2 | 5 PPMVD @ 3% (| | 0.018 | 4 LB/MMBTU | |
| | | | BOILERS - UNITS CC026, CC027 AND | | | | THE THREE UNITS ARE IDENTICAL CATERPILLAR BOILERS, EACH RATED AT 44 MMBTU/HR. EACH UNIT IS SUBJECT TO THE ANNUAL LIMIT OF OPERATING TIME | GOOD COMBUSTION PRACTICES | | | | | | | | | |
| | | | CC028 AT CITY | NATURAL | | | TO 5,800 HOURS. THE EMISSION LIMITS ARE BASED ON THE ATC PERMIT FOR | INCLUDING THE USE OF PROPER | 1 | | | | | CORRECTED TO | | | 1 |
| NV-0050 | MGM MIRAGE CAITHNES BELLPORT | 11/30/2009 | CENTER | GAS NATURAL | 4 | 4 MMBTU/H | MODIFICATION #13 DATED NOVEMBER 30, 2009. | AIR TO FUEL RATIO | 0.0148 | LB/MMBTU | - | 2 | 0 PPMVD @ 3% 0 | 2 3% OXYGEN | 0.014 | 8 LB/MMBTU | |
| NY-0095 | ENERGY CENTER | | BOILER | GAS | 29. | 4 MMBTU/H | 4800 H/YR | GOOD COMBUSTION PRACTICES | 0.036 | LB/MMBTU | | | 0 | | | 0 | |
| | | | | | | | TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION. WITH #2 OIL BACKUP | | | | | | | | | | |
| | TOLEDO SUPPLIER PARK- | | BOILER (2), | NATURAL | | | | | 1 | | | | | | | | |
| OH-0309 | PAINT SHOP TITAN TIRE CORPORATION | 5/3/2007 | NATURAL GAS | GAS NATURAL | 20. | 4 MMBTU/H | TWO SET OF LIMITS, THIS ONE FOR NATURAL GAS | | 1.3 | LB/H | | 7. | 5 T/YR | + | 0.08 | 3 LB/MMBTU | + |
| OH-0323 | OF BRYAN | 6/5/2008 | BOILER | GAS | 50. | 4 MMBTU/H | | | 4.15 | LB/H | | 18.1 | 8 T/YR | | 8 | 4 LB/MMSCF | AP-42 FACTOR |
| NOTE 0250 | DENIBLIC CTORY | man | C D-" | Normal C | | | No. 10. 6. Land Library | Proper burner design and good combustion | | LB/MMBTU | | | | | | 0 | |
| *OH-0350 | REPUBLIC STEEL | 7/18/2012 | Steam Boiler | Natural Gas | 6: | 5 MMBtu/H | Natural Gas-fired stam boiler to vacuum tank degasser | practices | 0.04 | LB/MMBTU | | 11. | 4 T/YR | | 1 | 0 | + |
| | OREGON CLEAN ENERGY | 1 | l | | | 1 | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, burning only | Good combustion practices and using | 1 | | | | | PER ROLLING 1 | 2- | | |
| | CENTER | | Auxillary Boiler AUXILIARY | Natural Gas NATURAL | 9 | 9 MMBtu/H | natural gas. Boiler restricted to 2000 hours of operation per rolling 12-months. | combustion optimization technology | 5.45 | LB/H | | 5.4 | 5 T/YR | MONTHS | 0.05 | 5 LB/MMBTU | + |
| *OH-0352 | 1 | | BOILER | GAS | 33. | 5 MMBTU/H | | GOOD COMBUSTION | 5.00 | LB/H | | | 0 | | | 0 | |
| *OH-0352 OK-0129 | CHOUTEAU POWER PLANT | | | | | | | | | | 1 | | | 1 | | 1 | |
| OK-0129 | | | BOILERS #1 AND | NATURAL | | n MMRTITAL | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS | GOOD COMBUSTION BRACTICES | | I B/H | 1-HOUR WHOU | | n | | | 0 | |
| | PRYOR PLANT CHEMICAL | 2/23/2009 | BOILERS #1 AND #2 TB-1 Leased Boiler | NATURAL GAS | 80 | 0 MMBTU/H | PIECES OF EQUIPMENT AT THE FACILITY. | GOOD COMBUSTION PRACTICES Ultra-low NOx burners and good | 6.6 | LB/H | 1-HOUR/8-HOUR 365 DAY ROLLING | | 0 | 365 DAY ROLLING | - | 0 | |

Table D-B-2 Carbon Monoxide (CO) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| | | | | | | | | | | | | | | | | | 4 |
|----------|--|----------------------|---|----------------------------|------------|----------------------|---|---|---------------------|----------------------|-----------------------|---------------------|--------------|-----------------------|-----------------------------|----------|-----------------------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
| | TROUTDALE ENERGY | | | | | | | | | | 3-HR BLOCK | | | | | | _ |
| *OR-0050 | CENTER, LLC | 3/5/2014 | Auxiliary boiler | natural gas | 39 | 8 MMBtu/hr | | Utilize Low-NOx burners and FGR. | 0.04 | LB/MMBTU | AVERAGE | 0 | | | 0 | | |
| ı | HICKORY RUN ENERGY | | AUXILIARY | | | | | | | | | | | 12-MONTH | | | |
| *PA-0291 | STATION | 4/23/2013 | | Natural Gas | 4 | MMBTU/H | | | 0.036 | LB/MMBTU | | 3.31 | T/YR | ROLLING TOTAL | . 0 | | |
| ı | BERKS HOLLOW ENERGY | | | | | | | | | | 12-MONTH | | | | | | |
| *PA-0296 | ASSOC LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | 4 | MMBtu/hr | | Good Combustion Practices | 3.31 | T/YR | ROLLING TOTAL | 0 | | | 0 | | |
| ı | | | VACUUM | | | | | NATURAL GAS COMBUSTION WITH | | | | | | | | | |
| ı | | | DEGASSER | NATURAL | | | | GOOD COMBUSTION PRACTICES | | | | | | | | | |
| | NUCOR STEEL - BERKELEY KLAUSNER HOLDING USA, | 5/5/2008 | BOILER NATURAL GAS | GAS NATURAL | 50.2 | MMBTU/H | | PER MANUFACTURER'S GUIDANCE | 0.061 | LB/MMBTU | | 3.06 | LB/H | | 0.061 | LB/MMBTU | |
| SC-0149 | INC | 1/3/2013 | BOILER EU003 | GAS | | MMBTU/H | | | 0.039 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| SC-0149 | KLAUSNER HOLDING USA, INC | | NATURAL GAS BOILER EU004 | NATURAL GAS | | MMBTU/H | | | | LB/MMBTU | 3-HOUR | | | | | | T |
| | KLAUSNER HOLDING USA. | 1/3/2013 | | NATURAL | - 1 | MMBIU/H | | | 0.039 | LB/MMB1U | 3-HOUR | 0 | | | 0 | | + |
| SC-0149 | INC | 1/3/2013 | BOILER EU005 | GAS | 4 | MMBTU/H | | | 0.039 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| SC-0149 | KLAUSNER HOLDING USA, INC | 1/3/2013 | NATURAL GAS BOILER EU006 | NATURAL GAS | | MMBTU/H | | | 0.039 | LB/MMBTU | 3-HOUR | | | | | | |
| | TEXSTAR GAS PROCESS | | POWER STEAM | NATURAL | | | | | | | JAROUR | | | | T | | + |
| TX-0501 | FACILITY S R BERTRON ELECTRIC | 7/11/2006 | BOILER | GAS | 5 | MMBTU/H | | | 7.05 | LB/H | 3-HR ROLLING | 5.91 | T/YR | | 0 | | + |
| *TX-0714 | GENERATING STATION | 12/19/2014 | boiler | natural gas | 8 | MMBtu/hr | operation limitation of 4,000 hours per year | low-NOx burners | 0.037 | LB/MMBTU | AVERAGE | 0 | | | 0 | | |
| - | | | Commercial/Instituti onal Size Boilers | | | | | | | | | | | | | | |
| ı | EAGLE MOUNTAIN STEAM | | (<100 MMBtu) | | | | | | | | ROLLING 3-HR | | | | | | |
| *TX-0751 | ELECTRIC STATION | 6/18/2015 | 倓 natural gas | natural gas | 73 | MMBtu/hr | | | 50 | PPMVD @ 3% O2 | AVERAGE | 0 | | | 0 | | |
| ı | PORT OF BEAUMONT PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | | | | | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 4 | MMBtu/hr | Hot oil heater | complete combustion. | 50 | PPMVD @ 3% O2 | | 0 | | | 0 | | |
| ı | PORT OF BEAUMONT PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | | | | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 95 | 7 MMBtu/hr | to reduce viscosity of heavy liquids. | complete combustion. | 50 | PPMVD @ 3% O2 | | 0 | | | 0 | | |
| | PORT OF BEAUMONT PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | | | | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 13 | 2 MMBtu/hr | and heavy liquid storage tanks. | complete combustion. | 50 | PPMVD @ 3% O2 | | 0 | | | 0 | | |
| *WY-0075 | CHEYENNE PRAIRIE GENERATING STATION | 7/1/ 2014 | Auxiliary Boiler | natual gas | 26.6 | 6 MMBtu/h | | good combustion | 0.0226 | LB/MMBTU | 3 HOUR AVERAGE | | LB/H | 3 HOUR AVERAGE | | | |
| W1-00/3 | Astoria Energy LLC | //10/2014 | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | Clean Fuel | | LB/MMBTU | 1-hr average | | LB/H | 1-hour average | 0 | | + |
| | Footprint Power Salem Harbor | | | | | | | | | | | | | | | | |
| | Development LP Footprint Power Salem Harbor | | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | Pipeline quality NG/ Oxidation Catalyst | 0.28 | LB/H PPMVD @ 15% | 1-hr average | 0.0035 | lb/MMBtu | 1-hr average | - | | + |
| | Development LP | | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | Pipeline quality NG/ Oxidation Catalyst | 4.7 | 02 | 1-hr average | | | | | | |
| | CPV Valley Energy Center | | A | Natural Gas | | 5 MMBtu/hr | | Good combustion controls. | 0.0721 | LB/MMBTU | | | | | | | |
| | Wawayanda, NY Cricket Valley Energy Center | | Auxiliary Boiler Auxiliary Boiler | Natural Gas | | 3 MMBtu/hr | | Good combustion controls. | | LB/MMBTU | 1-hr average | | | | | | + |
| | Pioneer Valley Energy Center | | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | | | LB/MMBTU | | 0.74 | LB/H | | | | |
| | Hess Newark Energy Center | | Auxilary Boiler | Natural Gas | 66 | 2 MMBtu/hr | | | 2.45 | LB/H | | | | | | | 4 |
| ı | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 10 | 6 MMBTU/hr | | | 0.074 | LB/MMBTU | 12 month-period | 7.83 | LB/H | 12 month-period | | | |
| | | | | | | | | | | | | | | | | | |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 10 | 6 MMBTU/hr | | | 15.7 | T/YR | - | | | | 1 | | + |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 1 | MMBTU/hr | | | 0.037 | LB/MMBTU | 12 month-period | 0.55 | LB/H | 12 month-period | | | 1 |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | | MMBTU/hr | | | 2.20 | T/YR | | | | | | | |
| | | | | | | MMBTU per 12 mo | | | | | | | | | | | + |
| | Kalama Energy Center | | Auxiliary Boiler | Natural Gas | 15987 | orolling | | | 30 | PPMVD @ 3% O2 | 1-hr avg | 0.81 | LB/H | 1-hr avg | | | + |
| | LAWRENCE ENERGY CENTER LLC | | Auxiliary Boiler | Natural Gas | 9 | MMBTU/hr | | | 0.084 | LB/MMBTU | | 8.32 | LB/H | 12 month-period | | | |
| | PacifiCorp's Lake Side Power | | | | | | | | | | | | | · | | | |
| | Plant PacifiCorp's Lake Side Power | | Auxiliary Boiler #1 | Natural Gas | 61 | MMBTU/hr | | | 0.037 | LB/MMBTU | 3-hr | | | | - | | + |
| | Plant | | Auxiliary Boiler #2 | Natural Gas | 61 | MMBTU/hr | | | 0.037 | LB/MMBTU | 3-hr | | | | | | 1 |
| | Sevier Power Company Power Plant | | Auxiliary Boiler #2 | Natural Gas | | 5 Mmbtu/hr | | | 0.0275 | LB/MMBTU | 3-hr | | | | | | |
| | | | Auxiliary Boilers #1 | | | | | | | | | | | | | | + |
| | St. Joseph's Energy Center | | and #3 | Natural Gas | | MMBtu/hr | | | | LB/MMBTU | 3-hr | | LB/H | 3-hr | | | |
| | Woodbridge Energy Center York Energy Center Block 2 | 42170 | Auxiliary Boiler Auxiliary Boiler | Natural Gas Natural Gas | | MMsef/yr MMBtu/hr | | | | LB/MMBTU lb/MMBtu | | | LB/H T/YR | | - | | + |
| | | 42170 | Auxiliary Doller | ivaturai Gas | <u> </u> | I MANAGUAT | | | 0.06 | io MMDiu | | 15.6 | I/IK | | | | + |
| | MOUNDSVILLE COMBINED | | | | | | | ı | | 1 | 1 | 1 | I | 1 | | I | 1 |

Table D-B-3 Volatile Organic Compounds (VOC) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| nny om | FACILITY NAME | PERMIT ISSUANCE DATE | nn o onoo v | PRIMARY | THROUGHPUT | | WAR CORES NOTES | CONTROL METHOD DESCRIPTION | EMISSION | UNIT | AVG TIME | EMISSION LIMIT 2 | UNIT | AVG TIME | STANDARAD EMISSION LIMIT | varm. | AVGTIME |
|--------------------|--|----------------------|--|----------------|------------|--------------------|---|--|----------|----------------|-------------------------------|---------------------|------------|-----------------------------|-----------------------------|----------|-----------|
| RBLCID | BELK CHIP-N-SAW | PERMIT ISSUANCE DATE | 60 MMBTU/HR | NATURAL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | LB/MMBTU | CONDITION | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| AL-0312 | FACILITY | 5/26/201 | NATURAL GAS- | GAS | 61 | MMBTU/H | | GOOD COMBUSTION PRACTICES | 0.0054 | INPUT | | 0 | | | 0 | , | |
| | MIDWEST FERTILIZER | | NATURAL GAS | NATURAL | | | | GOOD COMBUSTION PRACTICES AT | | | 3 HOUR | | MMCF/12 | ROLLING | | | |
| IN-0263 | COMPANY LLC | 3/23/201 | AUXILIARY | GAS | 218.0 | MMBTU/H | | ALL TIMES THE BOILERS ARE IN | 5.5 | LB/MMCF EACH | AVERAGE | 1877.39 | MONTH EACH | AVERAGE | 1 0 | 9 | |
| LA-0307 | MAGNOLIA LNG FACILITY | 3/21/201 | Auxiliary boilers | natural gas | 17 | 1 mm btu/hr | | good combustion practices | (| | | 0 | | | 0 | | |
| MI-0423 | INDECK NILES, LLC | 1/4/201 | EUAUXBOILER (Auxiliary Boiler) | natural gas | 18 | MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | Good combustion practices. | 0.004 | LB/MMBTU | TEST PROTOCOL WILL SPECIFY | | | | | , | |
| | HOLLAND BOARD OF | | EUAUXBOILER | | | | | | | | TEST PROTOCOL | | | | | | |
| MI-0424 | PUBLIC WORKS - EAST 5TH MEC NORTH, LLC AND MEC | 12/5/201 | (Auxiliary boiler) EUAUXBOILER | natural gas | 83.: | MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | Good combustion practices. | 0.008 | LB/MMBTU | WILL SPECIFY | 0 | | | 0 | - | |
| *MI-0433 | SOUTH LLC | 6/29/201 | (North Plant): | Natural gas | 61.: | MMBTU/H | CTGHRSG train and to provide the required steam to support the startup of the facility, including | Good combustion practices. | 0.004 | LB/MMBTU | HOURLY | 0 | | | 0 | | |
| *MI-0433 | MEC NORTH, LLC AND MEC SOUTH LLC | 6/20/201 | EUAUXBOILER (South Plant): | Natural gas | 61 | 5 MMBTU/h | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTGHRSG train and to provide the required steam to support the startup of the facility, including | Good combustion practices. | 0.000 | LB/MMBTU | HOURLY | ١ . | | | | , | |
| *MI-0433 | BELLE RIVER COMBINED | 6/29/201 | EUAUXBOILER: | Naturai gas | 61 | MMB1U/B | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the | Good combustion practices. | 0.004 | LD/MMB1U | HOURLY | 0 | | | | 1 | |
| *MI-0435 | CYCLE POWER PLANT | 7/16/201 | Auxiliary Boiler | Natural gas | 99. | MMBTU/H | CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | Good combustion practices | 0.008 | LB/MMBTU | HOURLY | 0.8 | LB/H | HOURLY | 0 | | |
| TX-0813 | ODESSA PETROCHEMICAL PLANT | 11/22/201 | Boilers | natural sas | 227 | MMBTU/H | 2 boilers | Best combustion practices | 0.000 | LB/MMBTU | | | | | | , | |
| | ODESSA PETROCHEMICAL | | | | | | | | | | | | | | | | |
| TX-0813 | PLANT PERDUE GRAIN AND | 11/22/201 | small Boiler (4) 27 MMBtu/hr | natural gas | 39.9 | MMBtu/hr | | best combustion practices | 0.0005 | MMBTU/HR | | 0 | | | 0 | | |
| VA-0327 | OILSEED, LLC | 7/12/201 | boilers, Natural gas | Natural Gas | 2 | 7 MMBtu/hr | | low nox burners | 0.1 | LB/HR | | 0.5 | lb/hr | | 0 | | |
| *WV-0029 | HARRISON COUNTY POWER PLANT | 3/27/201 | A 71 P . 71 | Name I Con | 77. | 8 mmBtu/hr | Annual emission based on 4600 hours/year. | Use of Natural Gas, Good Combustion Practices | 0.00 | LB/HR | | | TONS/YEAR | | 0.000 | LB/MMBTU | |
| | KENAI NITROGEN | | Five (5) Waste Heat | Natural Gas | | , manazaria | | Practices | | | | 1.42 | TONS/TEAR | | 0.008 | LB/MMBTU | |
| *AK-0083 | OPERATIONS | 1/6/201 | Boilers 3 NATURAL GAS- | Natural Gas | .51 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 0.0054 | LB/MMBTU | 3-HR AVG | 0 | | | 0 | | |
| | | | FIRED BOILERS | | | | | | | | | | | | | | |
| | | | WITH ULNB | | | | | | | | | | | | | | |
| AL-0230 | THYSSENKRUPP STEEL AND STAINLESS USA, LLC | 8/17/200 | & EGR (537- 539) | NATURAL GAS | 64 | MMBTU each | THIS PROCESS IS COVERED UNDER 503-0095-X026. | | 0.0055 | LB/MMBTU | 1 | 0.36 | LB/H | 1 | | , | |
| | | 317/200 | VACUUM | | 04. | | | | 3.0033 | | | 0.50 | | | 1 | | |
| AL-0231 | NUCOR DECATUR LLC | 6/12/200 | DEGASSER BOILER | NATURAL GAS | | 5 MMBTU/H | | low nox burners, use of natural gas | 0.0024 | LB/MMBTU | 1 | 0.25 | LB/H | 1 | | J | |
| ru-9431 | NOCON DECATOR EDC | G12/200 | | - Carlo | 9. | mmB1U/II | | tow now outliers, use of natural gas | 3.0026 | LUMINIDIO | LB/MM SCF OF | 0.23 | Las II | | 1 | | |
| *AL-0280 | LENZING FIBERS, INC. | 12/6/201 | Natural Gas Fired Broiler #3 | Natural Gas | 100 | MMBTU/Hr | | Good combostics sections | | LB/MMSCF | NATURAL GAS USED | 0,0004 | LB/MMBTU | 1 | 1 . | J | |
| | | | Natural Gas Fired | | | | | Good combustion practices | 3.2 | | USED | 0.0034 | LB/MMB1U | | | 1 | |
| *AL-0282 | LENZING FIBERS, INC. | 1/22/201 | Boilers (3) | Natural Gas | 100 | mm btu/hr | | Good combustion Practices. | 0.0054 | LB/MMBTU | | 0 | | | 0 | | |
| AR-0090 | NUCOR STEEL, ARKANSAS | 4/3/200 | PICKLE LINE BOILERS, SN-52 | NATURAL GAS | 124 | MMBTU EACH | | GOOD COMBUSTION PRACTICE | 0.2 | LB/H | | 0.9 | T/YR | | 0.0055 | LR/MMRTU | |
| | | | ONE GASEOUS- | | | | | | | | | | | | | | |
| | | | FUELED 99 MMTU/HR | | | | | | | | | | | | | | |
| | PROGRESS BARTOW | | AUXILIARY | NATURAL | | | | | | | | | | | | | |
| FL-0285 | POWER PLANT | 1/26/200 | BOILER TWO 99 8 | GAS | 99 | MMBTU/H | | | 2 | GR S/100 SCF | | 0 | | | 0 | | |
| | | | MMBTU/H GAS- | | | | | | | | | | | | | | |
| | FPL WEST COUNTY | | FUELED AUXILIARY | NATURAL | | | | | | | | | | | | | |
| FL-0286 | ENERGY CENTER | 1/10/200 | BOILERS | GAS | 99. | MMBTU/H | PRODUCE 85,000 LB/HR STEAM EACH | | 2 | GR S/100 SCF | | | | | | , | |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying | | | | | | | | | | |
| | | | | | | | I no four natural gas obtiers are used to generate the not water that is used in the further and anyting process. Two boilers each share a common stack for a total of two stacks. In the initial phase of construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | |
| | | | Four(4) Natural Gas | | | | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | |
| FL-0335 | SUWANNEE MILL | 9/5/201 | Boilers - 46 MMBtu/hour | Natural Gas | 4 | MMBTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | 0.003 | LB/MMBTU | | | | | | , | |
| | | ,,,,,, | | | | | | | | | AVERAGE OF 3 | | | | | | |
| *IA-0107 | MARSHALLTOWN GENERATING STATION | 4/14/201 | auxiliary boiler | natural ess | 60 | mmRtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | | 0.005 | LB/MMBTU | ONE-HOUR TEST RUNS | | | | | , | |
| 114-0107 | OLIVIA OTTO OTTO | 414201 | TWO (2) | nuturur gaz | 00. | i iiiiii ku iii | | | 0.000 | Lismanic | ROND | | | | | | |
| | ST. JOSEPH ENEGRY | | NATURAL GAS AUXILIARY | NATURAL | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | | | | | | | | | | |
| *IN-0158 | CENTER, LLC | 12/3/201 | BOILERS | GAS | 80 | MMBTU/H | GENERATING UNIT. | GOOD COMBUSTION PRACTICES | 0.005 | LB/MMBTU | 3 HOURS | 0.4 | LB/H | 3 HOURS | 0 | , | |
| | | | | | | | | Good equipment design and proper | | | NATURAL GAS | | | | | | |
| LA-0240 | FLOPAM INC. | 6/14/201 | Boilers | natural gas | 25. | MMBTU/H | | combustion techniques | 0.003 | LB/MMBTU | FIRED 1 HR BLOCK | 0.008 | LB/MMBTU | ALCOHOL FIRED 1 HR BLOCK | 0 | | |
| | | | | | | | | | | | AVG, DOES NOT | | | AVG, DOES NOT | | | |
| *MA-0039 | SALEM HARBOR STATION REDEVELOPMENT | 1/30/201 | Auxiliary Boiler | Natural Gas | 81 | MMBtu/hr | | oxidation catalyst | 11.6 | PPMVD @ 3% O2 | APPLY DURING | 0.005 | LB/MMBTU | APPLY DURING SS | | , | |
| | and the state of t | 2,30,201 | | | | | NATURAL GAS FUEL ONLY, OPERATION OF LOW-NOX BURNER TECHNOLOGY, | EXCLUSIVE USE OF NATURAL GAS, | 11.0 | J 2 (a) 574 O2 | 3-HOUR | 0.003 | | 1 | 1 | | |
| *MD-0041 | CPV ST. CHARLES | 4/23/201 | AUXILLARY | NATURAL GAS | a. | MMBTU/H | FLUE GAS RECIRCULATION (FGR), GOOD COMBUSTION CONTROLS, MAX HEAT INPUT OF 372,000 MMBTU/HR | AND GOOD COMBUSTION PRACTICES | 0.003 | LB/MMBTU | AVERAGE BLOCK | | | 1 | | , | |
| | | 423201 | 1 | | | 1 | | | 0.002 | | | ľ | | 1 | 1 | 1 | |
| | | | | | | | NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER | THE EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS, LIMITED | | | 1 | | | 1 | | | |
| | WILDCAT POINT | | AUXILLARY | NATURAL | | | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | HOURS OF OPERATION, AND GOOD | | | 3-HOUR BLOCK | | | 1 | | | |
| *MD-0042 | GENERATION FACILITY RAY COMPRESSOR | 4/8/201 | BOILER | GAS | 4: | MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD | COMBUSTION PRACTICES | 0.0033 | LB/MMBTU | AVERAGE | 0 | | + | - 0 | - | |
| *MI-0393 | STATION STATION | 10/14/201 | Auxiliary Boiler | natural gas | 12.2 | MMBTU/H | Boiler provides building heat. | | 0.05 | LB/H | TEST METHOD | 0.0041 | LB/MMBTU | | | | |
| | | | | | | | | | | | | | | | | | |
| *MI-0393 | RAY COMPRESSOR STATION | 10/14/201 | Reboiler (dehydrator with reboiler) | natural gas | 4: | 8 MMBTU/H | 4.8 MMBTU/H reboiler | Thermal oxidizer | 0.0054 | LB/MMBTU | TEST METHOD | 0 | | 1 | | , | |
| | | 1 | | | | | | | | | | | | | 1 | | |
| | | | FGAUXBOILERS: Two auxiliary boilers | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | HEAT INPUT: | | | 1 | | | |
| | THETFORD GENERATING | | < 100 MMBTU/F | ı | | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month | | | 1 | TEST PROTOCOL | | | 1 | | | 1 |
| *MI-0410 | STATION HOLLAND BOARD OF | 7/25/201 | heat input each | natural gas | 100 | each | rolling timeperiod as determined at the end of each month. | Efficient combustion; natural gas fuel. | 0.008 | LB/MMBTU | WILL SPECIFY | 0 | | + | - 0 | 1 | |
| | PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler B | | | | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB | | | | 1 | | | 1 | | | |
| *MI-0412 | STREET HOLLAND BOARD OF | 12/4/201 | (EUAUXBOILERB | natural gas | 9: | MMBTU/H | within flexible group FGAUXBOILERS). | Good combustion practices | 0.008 | LB/MMBTU | TEST PROTOCOL | 0 | | + | - 0 | - | |
| | PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler A | | | | One natural gas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA | | | | 1 | | | 1 | | | |
| *MI-0412 | STREET | 12/4/201 | (EUAUXBOILERA DUAL-FIRED 85.6 | natural gas | 5: | MMBTU/H | within flexible group FGAUXBOILERS). | Good combustion control | 0.008 | LB/MMBTU | TEST PROTOCOL | 0 | | + | 0 | | |
| | | | DUAL-FIRED 85.6 MMBTU/HR | | | | | | | 1 | 1 | | | 1 | | | |
| | ARCHER DANIELS | | WATER-TUBE | NATURAL | | | BOILER PROVIDES ADDITIONAL STEAM FOR TEH SOYBEAN SOLVENT | | | 1 | TEST METHOD | | | TEST METHOD | | | |
| | | 10/5/201 | BOILER NATURAL GAS | GAS NATURAL | 85.0 | MMBTU/H | EXTRACTION. | GOOD COMBUSTION PRACTICES | 0.0055 | LB/MMBTU | AVG | 0.001 | LB/MMBTU | AVG | - 0 | 1 | |
| MO-0082 | MIDLAND-MEXICO | | | | 1 22 | MMBTU/h | | | 0.81 | T/YR | | 0.19 | LB/H | | 0.0055 | LB/MMBTU | |
| MO-0082 MS-0085 | | 1/31/200 | FIRED BOILER | GAS | 33 | | | | | | | | | | | | |
| | MIDLAND-MEXICO DART CONTAINER | 1/31/200 | FIRED BOILER | GAS | 33 | | The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limited to natural one firing only. It will be concreted for the numbers of supplying steam during the start. | | | | | | | | | | |
| | MIDLAND-MEXICO DART CONTAINER | 1/31/200 | | GAS | 33 | | The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBturh and will be limited to natural gas firing only. It will be operated for the purposes of supplying steam during the start- up of the combined cycle unit. | | | | | | | | | | |
| | MIDLAND-MEXICO DART CONTAINER CORPORATION LLC | 1/31/200 | Commercial/Instituti | GAS | 33 | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- up of the combined cycle unit. | U. Oltrad Constant and Constant | | | AMERICA OF | | | | | | |
| MS-0085 NJ-0079 | MIDLAND-MEXICO DART CONTAINER CORPORATION LLC WOODBRIDGE ENERGY CENTER | | | | | 5 MMBtu/hr | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- | Use of Natural Gas and good combustion practices - permit says | 0.14 | LB/H | AVERAGE OF THREE TESTS | 0 | | | 0 | | |
| MS-0085 NJ-0079 | MIDLAND-MEXICO DART CONTAINER CORPORATION LLC WOODBRIDGE ENERGY | 7/25/201 | Commercial/Instituti | | 91. | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- up of the combined cycle unit. The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | | | 4 LB/H | | 0 | | | 0 |) | |

Table D-B-3 Volatile Organic Compounds (VOC) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| | | | | PRIMARY | | | | | EMISSION | | AVG TIME | EMISSION | AVG TIME | STANDARAD | | AVG TIME |
|----------|---|----------------------|---|----------------|--|---------------|--|---|-----------|-----------------|--|-----------------|---------------------------|----------------|----------|-----------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | FUEL | THROUGHPUT | THROUGHPUT UN | IT PROCESS NOTES | CONTROL METHOD DESCRIPTION | N LIMIT 1 | UNIT | CONDITION | LIMIT 2 UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| | | | COMMERCIAL/IN | | | | THE BACT DETERMINATIONS REPORTED HERIN ARE SPECIFICALLY FOR THE YOU HURST BOLLERS INSTALLED AT CASSANS PLACE EACH OF THEM HAS A RATED HEAT INVIT OF 354 MMBTUHE. THE PERMITTING ACTION ALSO APPROVED THE INSTALLATION OF A NUMBER OF SWALL BOLLED, ALL OF WHELD APPROVED THE INSTALLATION OF A NUMBER OF SWALL BOARD AND A STANDARD AND A SWALL OF WHICH AND A SWALL OF THE SWALL OF WHICH A SWALL OF THE S | | | | | | | | | |
| NV-0044 | HARRAH'S OPERATING COMPANY, INC. | 1/4/2005 | STITUTIONAL- | NATURAL | 20 | 4 MMRTU/H | MMBTU/HR. THE TWO NEW HURST BOILERS HAVE THE COMBINED RATED HEAT | GOOD COMBUSTION DESIGN | 0.000 | S LB/MMBTU | | 0.18 I.B/H | | 0.000 | LB/MMBTU | |
| N V-0044 | COMPANT, INC. | 1/4/2001 | BOILERS/HEATER | UAS | 33 | 4 MMB1U/H | INPUT OF 70.8 MMBTU/HR, ACCOUNTING FOR 70% OF THE TOTAL INCREASE. THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 | GOOD COMBUSTION DESIGN | 0.00 | LD/MMB1U | | 0.18 LB/H | | 0.003 | LD/MMB1U | + |
| NV-0047 | NELLIS AIR FORCE BASE | 2/26/2008 | S - NATURAL GAS FIRED | GAS GAS | | | (RITE BOILER, 6.5 MMBTU/HR) IS SELECTED TO SHOW THE BACT DETERMINATIONS. THE EMISSION UNIT IS A CLEAVER BROOKS BOILER AT HARRAHS LAS VEGAS. | FLUE GAS RECIRCULATION | 0.0063 | LB/MMBTU | | 0.04 LB/H | | 0.0062 | LB/MMBTU | |
| | | | | | | | UNIT HARR IS IDENTICAL. TO HARP AND HARD. THE SAME SET OF EMISSION LIMITS APPLIES TO EACH OF THE THREE BOLLERS. THE THREE BOLLERS ARE SUBJECT TO THE LIMIT OF TOTAL ANNUAL. OPERATING TIME FOR 20,000 HOURS PER YEAR. THERE ARE NO BOILERS AT HARRABITS LAS VEGAS, WHICH HAS A THROUGHPUT CAPACITY IN EXCESS OF 10 MMBTUHE. NO BACT DETERMINATIONS FOR ANY EMISSION UNITS AT BILLS GAMBLEN HALL & SALON ARE REPORTED HEREIN | OPERATING IN ACCORDANCE WITH | 1 | | | | | | | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | 8: | 7 MMBTU/H | BECAUSE ALL OF THEM HAVE A VERY SMALL POTENTIAL TO EMIT FOR ANY POLLUTANT. | THE MANUFACTURER'S SPECIFICATION | 0.005 | 4 LB/MMBTU | | 0.045 J.R/H | | 0.0054 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | | 4 MMBTU/H | UNIT FLOLIS A JOHNSTON BOILER AT FLAMINGO LAS VEGAS. THIS UNIT MAY | FLUE GAS RECIRCULATION | | 4 LB/MMBTU | | 0.078 LB/H | | | LB/MMBTU | |
| NV-0049 | | 8/20/2005 | | UAS | 14.2 | MMB1U/H | OPERATE 8,760 HOURS PER YEAR. UNIT BA01 IS A KEWANEE BOILER AT BALLY'S LAS VEGAS. UNIT BA01 IS | PEUE GAS RECIRCULATION | 0.003 | + LD/MMB1U | | 0.078 LB/H | | 0.0034 | LD/MMD1U | + |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT BA01 | NATURAL GAS | 16 | .8 MMBTU/H | IDENTICAL TO UNIT BA02. THE TWO BOILERS ARE SUBJECT TO THE ANNUAL LIMIT OF COMBINED TOTAL OPERATING TIME FOR 10,900 HOURS PER YEAR. | FLUE GAS RECIRCULATION | 0.005 | LB/MMBTU | | 0.09 LB/H | | 0.0054 | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | UNIT BA03 IS A KIWANEE BOLER AT BALLY'S LAS VEGAS. THE ANNUAL | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S | 1 | | | | | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | BA03 | GAS | 31.2 | 8 MMBTU/H | OPERATING TIME IS LIMITED TO 2,920 HOURS PER YEAR. | SPECIFICATION FLUE GAS RECIRCULATION AND | | 4 LB/MMBTU | | 0.17 LB/H | | 0.0054 | LB/MMBTU | + |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL GAS | 35 | 4 MMBTU/H | UNIT CP01 IS A HURST BOILER AT CAESARS PALACE. UNIT CP01 IS IDENTICAL TO UNIT CP02. UNITS CP01 THROUGH CP05 (TPUE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | | 4 LB/MMBTU | | 0.19 LB/H | | 0.0054 | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | NATURAL | | | UNIT CP03 IS A BURNHAM BOILER AT CAESAR'S PALACE. UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S | I | | | | | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | CP03 | GAS | 33.4 | 8 MMBTU/H | TIME FOR 33,520 HOURS PER YEAR. | SPECIFICATION OPERATING IN ACCORDANCE WITH | 0.005 | 4 LB/MMBTU | | 0.18 LB/H | | 0.0054 | LB/MMBTU | + |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | 1 . | 4 MMBTU/H | UNIT CP26 IS A UNILUX BOILER AT CAESAR'S PALACE. THE UNIT IS ALLOWED TO | THE MANUFACTURERS SPECIFICATION | 0.005 | 4 LB/MMBTU | | 0.13 LB/H | | 0.0054 | LB/MMBTU | |
| N V-0049 | | 8/20/2005 | november | UAS | 1 | MMBIU/H | OPERATE UP TO 8,760 HOURS PER YEAR. UNIT IP04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT IP04 IS IDENTICAL | OPERATING IN ACCORDANCE WITH | 0.005 | #LD/MMB1U | | 0.13 LB/H | | 0.0054 | LD/MMB1U | + |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT IP04 | NATURAL GAS | 16 | 7 MMBTU/H | TO UNIT IP05. EITHER BOILER IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER YEAR. | THE MANUFACTURER'S SPECIFICATION | 0.005 | LB/MMBTU | | 0.09 LB/H | | 0.0053 | LB/MMBTU | |
| | | | BOILERS - UNITS CC001, CC002, AND CC003 AT | NATURAL | | | THE THREE UNITS ARE IDENTICAL NEBRASKA BOILERS, EACH OF WHICH IS RATED AT 41.64 MMBTU/HR. EACH UNIT IS ALLOWED TO OPERATE 24 HOURS/DAY AND UP TO 5.800 HOURS/ YEAR. THE EMISSION LIMITS REPORTED HEREIN ARE | GAS ONLY AND GOOD | | | | | | | | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | CITY CENTER BOILERS - UNITS | GAS | 41.6 | 4 MMBTU/H | BASED ON THE ATC PERMIT FOR MODIFICATION #8 DATED MARCH 30, 2006. THE THREE UNITS ARE IDENTICAL CATERPILLAR BOILERS, EACH RATED AT 44 | COMBUSTION PRACTICES | 0.002 | LB/MMBTU | | 2.63 LB/D | _ | 0.0024 | LB/MMBTU | |
| | | | CC026, CC027 AND CC028 AT CITY | NATURAL | | | MMBTU/HR. EACH UNIT IS SUBJECT TO THE ANNUAL LIMIT OF OPERATING TIME TO 5,800 HOURS. THE EMISSION LIMITS ARE BASED ON THE ATC PERMIT FOR | LIMITING THE FUEL TO NATURAL GAS ONLY AND GOOD | | | | | | | | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | CENTER | GAS | 4 | 4 MMBTU/H | MODIFICATION #13 DATED NOVEMBER 30, 2009. | COMBUSTION PRACTICES | 0.005 | LB/MMBTU | | 0.24 LB/H | | 0.0055 | LB/MMBTU | |
| | | | | | | | TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION. WITH #2 OIL BACKUP | | | | | | | | | |
| OH-0309 | TOLEDO SUPPLIER PARK- PAINT SHOP | 5/3/2007 | BOILER (2), NATURAL GAS | NATURAL GAS | 20 | 4 MMBTU/H | TWO SET OF LIMITS, THIS ONE FOR NATURAL GAS | | 0.1 | LB/H | | 0.5 T/YR | | 0.0054 | LB/MMBTU | |
| OH-0323 | TITAN TIRE CORPORATION OF BRYAN | 6/5/2008 | DOLLED. | NATURAL GAS | 50 | 4 MMBTU/H | , in the second | | 0.23 | 7 LB/H | | 1.18 T/YR | | | | |
| | | 7/18/2012 | BOILER | | | is MMRm/H | | Proper burner design and good combustion | 1 | S I B/H | | 1.52 T/YR | | | | |
| *OH-0350 | REPUBLIC STEEL | 7/18/2012 | Steam Boiler | Natural Gas | + | 5 MMBtu/H | Natural Gas-fired stam boiler to vacuum tank degasser | practices | 0.33 | S LB/H | | 1.52 T/YR | _ | 0 | | + |
| *OH-0352 | OREGON CLEAN ENERGY CENTER | 6/18/2013 | Auxillary Boiler | Natural Gas | | 9 MMBtu/H | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, burning only natural gas. Boiler restricted to 2000 hours of operation per rolling 12-months. | Good combustion practices and using combustion optimization technologies | 0.59 | LB/H | | 0.59 T/YR | PER ROLLING 13 MONTHS | 0.006 | LB/MMBTU | |
| OK-0129 | CHOUTEAU POWER PLANT | | AUXILIARY BOILER | NATURAL GAS | | .5 MMBTU/H | | GOOD COMBUSTION | | 4 LB/H | | 0 | | | | |
| OK-0135 | PRYOR PLANT CHEMICAL | 2/23/2009 | BOILERS #1 AND | NATURAL | | n MMRTU/H | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS | GOOD COMBOSTION | | S I B/H | | | | | | |
| | TROUTDALE ENERGY | | | GAS | | | PIECES OF EQUIPMENT AT THE FACILITY. | | - | | 3-HR BLOCK | 0 | | 0 | | + |
| *OR-0050 | CENTER, LLC | 3/5/2014 | Auxiliary boiler | natural gas | 39 | 8 MMBtu/hr | | Utilize Low-NOx burners and FGR. | 0.003 | LB/MMBTU | AVERAGE | 0 | | 0 | | + |
| *PA-0291 | HICKORY RUN ENERGY STATION | 4/23/2013 | AUXILIARY BOILER | Natural Gas | 4 | 0 MMBTU/H | | | 0.001 | LB/MMBTU | | 0.14 T/YR | 12-MONTH ROLLING TOTAL | . 0 | | |
| *PA-0296 | BERKS HOLLOW ENERGY ASSOC LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | | i0 MMBtu/hr | | Use of natural gas | 0.14 | 4 T/YR | BASED ON 12- MONTH ROLLING TOTAL | 0 | | 0 | | |
| | | | VACUUM | | | | | NATURAL GAS COMBUSTION WITH | | | | | | | | |
| SC-0112 | NUCOR STEEL - BERKELEY | 5/5/2009 | DEGASSER BOILER | NATURAL GAS | 50.5 | 1 MMBTU/H | | GOOD COMBUSTION PRACTICES PER MANUFACTURER'S GUIDANCE | 0.0026 | 6 LB/MMBTU | | | | | | J |
| SC-0112 | KLAUSNER HOLDING USA, INC | | NATURAL GAS BOILER EU003 | NATURAL | | 6 MMBTU/H | | Good combustion practices and limited use | 8 | 3 LB/MMBTU | 3-HOUR AVERAGE | | | 1 . | | + |
| | KLAUSNER HOLDING USA, | | NATURAL GAS | GAS NATURAL | | | + | of fuel oil Good combustion practices and limited use | e | | | 0 | | 1 0 | | + |
| SC-0149 | INC KLAUSNER HOLDING USA, | | BOILER EU004 NATURAL GAS | GAS NATURAL | | 6 MMBTU/H | | of fuel oil Good combustion practices and limited use | e . | LB/MMBTU | 3-HOUR | 0 | | - 0 | | + |
| SC-0149 | INC KLAUSNER HOLDING USA. | 1/3/2013 | BOILER EU005 NATURAL GAS | GAS NATURAL | + | 6 MMBTU/H | + | of fuel oil Good combustion practices and limited use | 0.003 | LB/MMBTU | 3-HOUR | 0 | | 0 | | + |
| SC-0149 | INC | 1/3/2013 | BOILER EU006 | GAS | 4 | 6 MMBTU/H | THE CONSTRUCTION PERMIT AUTHORIZES THE MODIFICATION TO THE TWO | of fuel oil | 0.003 | LB/MMBTU | 3-HOUR | 0 | | 0 | | \perp |
| | | | BOILERS (BL01) | NATURAL | | . La communi | EXISTING BOILERS BY ADDING LARGER BURNERS. THIS PROCESS AND | | | | | | | | | |
| *SC-0160 | US8 FACILITY TEXSTAR GAS PROCESS | | | GAS NATURAL | | .6 MMBTU/H | POLLUTANT INFORMATION IS FOR ONE BOILER | | | 8 LB/H | | 0.0054 LB/MMBTU | | 1 0 | | + |
| TX-0501 | FACILITY | 7/11/2006 | BOILER Commercial/Instituti | GAS | 9 | 3 MMBTU/H | | | 0.46 | 6 LB/H | - | 0.38 T/YR | | 0 | | + |
| | EAGLE MOUNTAIN STEAM | | onal Size Boilers (<100 MMBtu) | | | | | | | | | | | | | |
| *TX-0751 | ELECTRIC STATION PORT OF BEAUMONT | 6/18/2015 | – natural gas Commercial/Instituti | natural gas | 73 | 3 MMBtu/hr | | | - | 4 PPMVD @ 3% O2 | 1-HR AVG | 0 | | 0 | | + |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PRPTT) | 11/201/ | onal-Size Boilers/Furnaces | motored one | | ii) MMRtu/hr | Hot oil bester | Good combustion practice to ensure complete combustion. | 0.0 | 4 T/YR | | | | | | |
| 1 A-0//2 | PORT OF BEAUMONT | 11/6/2015 | Commercial/Instituti | natural gas | | o www.nem.ne | | | 0.94 | 1/1R | | 0 | | † ° | | + |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) PORT OF BEAUMONT | 11/6/2015 | onal-Size Boilers/Furnaces Commercial/Instituti | natural gas | 95 | 7 MMBtu/hr | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary to reduce viscosity of heavy liquids. | Good combustion practice to ensure complete combustion. | 5.42 | 2 T/YR | | 0 | | 0 | | |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) | 11/6/2014 | onal-Size Boilers/Furnaces | natural gas | 13 | .2 MMBtu/hr | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers and heavy liquid storage tanks. | Good combustion practice to ensure complete combustion. | 0.5 | 3 T/YR | | 0 | | | | |
| 1 A*0//2 | LEGITIVAL (FBF 11) | 11/0/2013 | LOCACIN FUITACES | I maturar gas | 13 | - MADIUM | una seary seque see age talks. | peomptes combustion. | 0 | J K | | - Y | | 1 0 | | |

Table D-B-3 Volatile Organic Compounds (VOC) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| | | | | PRIMARY | | | | | EMISSION | | AVG TIME | EMISSION | | AVG TIME | STANDARAD | | AVG TIME |
|----------|---|----------------------|-------------------|--------------|------------|-----------------|---------------|---|----------|-------------|-------------------|----------|----------|-------------------|----------------|------|-----------|
| RBLCID | | PERMIT ISSUANCE DATE | PROCESS NAME | FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | UNIT | 1 1 1 1 1 | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| *WY-0075 | CHEYENNE PRAIRIE GENERATING STATION | 844.8044 | Auxiliary Boiler | natual eas | | MMBtu/h | | | | LB/MMBTU | 3 HOUR AVERAGE | | LB/H | 3 HOUR AVERAGE | | | |
| *WY-00/5 | Astoria Energy LLC | //16/2014 | | Natural Gas | | MMBtu/hr | | good combustion practices Clean Fuel | | LB/MMBTU | 1-hr average | 0.1 | LB/H | AVERAGE | 0 | | |
| | Footprint Power Salem | | Auxiliary Boller | Naturai Gas | 99 | MIMDU/III | | Clean Fuei | 0.002 | LD/MMD1U | 1-nr average | | | | | | |
| | Harbor Development LP | | Auxiliary Boiler | Natural Car | 90 | MMBtu/hr | | Pipeline quality NG | | LB/H | 1-hr average | 0.005 | lb/MMBtu | 1-hr average | | | |
| - | Footprint Power Salem | | Auxiliary Boller | Naturai Gas | 80 | NIVIDIU/III | | Fipeline quanty NG | 0.4 | PPMVD @ 15% | 1-tir average | 0.003 | 10/WWDtu | 1-iir average | | | |
| | Harbor Development LP | | Auxiliary Boiler | Natural Gas | 90 | MMBtu/hr | | Pipeline quality NG | 11.8 | | 1-hr average | | | | | | |
| - | CPV Valley Energy Center | | Auxiliary Boller | Naturai Gas | 80 | WIWIDIU/III | | Fipeline quanty NG | 11.0 | 02 | 1-nr average | | | | | | |
| | Wawayanda, NY | | Auxiliary Boiler | Natural Gas | 73.5 | MMBtu/hr | | Good combustion controls. | 0.0038 | LB/MMBTU | 1-hr average | | | | | | |
| | Wawayanaa, 111 | | ruannary Dones | Truturui Gus | 75.5 | | | Cood Companion Controls | 0.0050 | LDMMDTC | 1 in average | | | | | | |
| | Cricket Valley Energy Center | | Auxiliary Boiler | Natural Gas | 48 63 | MMBtu/hr | | | 0.0015 | LB/MMBTU | | | | | | | |
| | , | | , | | | | | | | | | | | | | | |
| | Hess Newark Energy Center | | Auxilary Boiler | Natural Gas | 66.2 | MMBtu/hr | | Use of natural gas | 0.27 | LB/H | | | | | | | |
| | SUNBURY GENERATION | | | | | | | | | | | | | | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 106 | MMBTU/hr | | | 0.005 | LB/MMBTU | 12 month-period | 0.57 | LB/H | 12 month-period | | | |
| | SUNBURY GENERATION | | | | | | | | | | · · | | | 1 | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 106 | MMBTU/hr | | | 1.1 | T/YR | | | | | | | |
| | SUNBURY GENERATION | | | | | | | | | | | | | | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 15 | MMBTU/hr | | | 0.00€ | LB/MMBTU | 12 month-period | 0.83 | LB/H | 12 month-period | | | |
| | SUNBURY GENERATION | | | | | | | | | | | | | | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 15 | MMBTU/hr | | Use of natural gas | 0.34 | T/YR | | | | | | | |
| | LAWRENCE ENERGY | | | | | | | | | | | | | | | | |
| | CENTER LLC | | Auxiliary Boiler | Natural Gas | 99 | MMBTU/hr | | | 0.0055 | LB/MMBTU | | 0.545 | LB/H | 12 month-period | | | |
| | PacifiCorp's Lake Side | | Auxiliary Boiler | | | | | | | | | | | | | | |
| | Power Plant | | | Natural Gas | 61.2 | MMBTU/hr | | | 0.00€ | LB/MMBTU | 3-hr | | | | | | |
| | | | Auxiliary Boilers | | | | | | | | | | | | | | |
| | St. Joseph's Energy Center | | | Natural Gas | | MMBtu/hr | | | | LB/MMBTU | 3-hr | | LB/H | 3-hr | | | |
| | Woodbridge Energy Center | | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | Good combustion practices | | LB/MMBTU | | | LB/H | | | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 61 | MMBtu/hr | | Use of natural gas | 0.004 | lb/MMBtu | | 1.1 | T/YR | | | | |
| | MOUNDSVILLE COMBINED | | | | | | | | | | | | | | | | |
| | CYCLE POWER PLANT | 41773 | Auxiliary Boiler | Natural Gas | 100 | MMBtu/hr | | | 0.6 | LB/H | | 0.6 | T/YR | | | | |

| | | | | | | | | | EMISSION | | AVGTIME | EMISSION | | AVGTIME | STANDARAD | | AVG TIME |
|---------------------|--|----------------------|---|----------------------------|------------|---------------------------------------|---|---|----------|-------------------------------|-------------------------------|----------|-----------------------------|----------------|----------------|------------|---------------------|
| RBLCID | FACILITY NAME OKEECHOBEE CLEAN | PERMIT ISSUANCE DATE | PROCESS NAME Auxiliary Boiler. | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | unit er S/100 sef natural | CONDITION | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| FL-0356 | ENERGY CENTER | 3/9/2016 | 99.8 MMBtu/hr | Natural gas | 99. | 8 MMBtu/hr | Fires only natural gas with a sulfur content of 2 gr S/100 SCF. Limited to 2000 hr/yr. | Use of clean fuels | | 2 gas | | 1 | 0 % OPACITY | | | 0 | |
| *FL-0363 | DANIA BEACH ENERGY CENTER | 12/4/2017 | 99.8 MMBtu/hr auxiliary boiler | Natural gas | 993 | 8 MMBtu/hr | Fueled only with natural gas with sulfur content of 2 gr S/100 scf | Clean fuels | | gr S/100 scf natural 2 gas | | 20 | % opacity | | | 0 | |
| | | | NATURAL GAS AUXILIARY | | | | | PROPER DESIGN AND GOOD | | | | | T | | | | |
| | | | BOILERS (EU- | | | | | COMBUSTION PRACTICES AT ALL | | | | | | | | | |
| IN-0263 | MIDWEST FERTILIZER COMPANY LLC | 3/23/2017 | 012A, EU-012B, EU | NATURAL GAS | 218 | 6 MMBTU/H | | TIMES THE BOILERS ARE IN OPERATION | 1 | 9 LB/MMCF EACH | 3 HOUR AVERAGE | | 0 | | | 0 | |
| 111-0203 | COMPLY LEC | 3/23/2011 | 01207 | TOTAL CLE | 210 | o mandioni | | or Electricit. | 1. | JEDIMINET EXCIT | TEST PROTOCOL | | | | | | |
| | | | EUAUXBOILER | | | | | | | | WILL SPECIFY | | | | | | |
| MI-0423 | INDECK NILES, LLC | 1/4/2017 | (Auxiliary Boiler) | natural gas | 18 | 2 MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | Good combustion practices. | 0.00: | 5 LB/MMBTU | AVG TIME | | 0 | | | 0 | |
| | HOLLAND BOARD OF | | | | | | | | | | TEST PROTOCOL | | | | | | |
| MI-0424 | PUBLIC WORKS - EAST 5TH STREET | 12/5/2016 | EUAUXBOILER (Auxiliary boiler) | natural gas | 83 | 5 MMBTU/H | One natural cas fired auxiliary beiler rated at 83.5 MMRTU/hr fisel heat input (FUAUXROUER) | Good combustion practices | 0.001 | 8 LB/MMBTU | WILL SPECIFY AVG TIME | | 0 | | | 0 | |
| | DIKLLI | 1232010 | | Indicator agas | 0.5. | J MMDTO/II | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | Cool Companion practices. | 0.001 | o LLE MINDIO | TO TIME | | | | | | |
| | MEC NORTH, LLC AND MEC | | EUAUXBOILER (North Plant): | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | | | | | | | | | | |
| *MI-0433 | SOUTH LLC | 6/29/2018 | Auxiliary Boilder | Natural gas | 61. | 5 MMBTU/H | NOx burners (LNB) and flue gas recirculation (FGR). A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | Good combustion practices. | 0.00 | 5 LB/MMBTU | HOURLY | | 0 | | | 0 | |
| | | | EUAUXBOILER | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | | | | |
| *MI-0433 | MEC NORTH, LLC AND MEC SOUTH LLC | 6/29/2018 | (South Plant): Auxiliary Boiler | Natural cas | 61: | 5 MMBTU/h | but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices. | 0.00 | S LB/MMBTU | HOURLY | | | | | 0 | |
| | | | , | | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the | | | | | | | | | | |
| | BELLE RIVER COMBINED | | EUAUXBOILER: | | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | | | | | | | | | | |
| *MI-0435 | CYCLE POWER PLANT PSEG FOSSIL LLC | 7/16/2018 | Auxiliary Boiler | Natural gas | 99. | 9 MMBTU/H | is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices, low sulfur fuel | 0.00 | 7 LB/MMBTU | HOURLY AV OF THREE | 0 | 7 LB/H | HOURLY | | 0 | |
| | SEWAREN GENERATING | | Auxiliary Boiler | | | | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBtu/hr (HHV) permitted to | | | | ONE HOUR | | | | | | |
| NJ-0084 | STATION | 3/10/2016 | firing natural gas | natural gas | 68 | 7 MMCFT/YR | operate for 8760 hrs/yr. | Use of natural gas a clean burning | 0.2 | 6 LB/H | STACK TESTS AV OF THREE | - | 0 | + | + | 0 | |
| | A CORPANDA PROPERTY CO. | | | | | | | VIOLE OF STREET, WITH A STREET | | | ONE H STACK | | | | 1 | | |
| NJ-0085 | MIDDLESEX ENERGY CENTER, LLC | 7/19/2016 | AUXILIARY BOILER | Natural GAS | 400 | 0 H/YR | | USE OF NATURAL GAS A CLEAN BURNING FUEL | 0.18 | 1 LB/H | TESTS INITIALLY | | 0 | | 1 | 0 | |
| | CRICKET VALLEY ENERGY | | | | | | | good combustion practiced and pipeline | | | | | | | | | |
| NY-0103 | CENTER CPV FAIRVIEW ENERGY | 2/3/2016 | Auxiliary boiler | natural gas | | 0 MMBTU/H | Limited to 4,500 H/YR | quality natural gas | | 5 LB/MMBTU | 1.11 | <u> </u> | 0 | 12-MONTH | + | U | + |
| *PA-0310 | CENTER HARRISON COUNTY | 9/2/2016 | Auxilary boiler | Natural Gas | 92. | 4 MMBtu/hr | Operation of the auxiliary boiler shall not exceed 4000 hrs in any continuous 12-month period. | ULSD and good combustion practices Use of Natural Gas. Good Combustion | 0.00 | 7 LB/MMBTU | | 1.2 | 9 TPY | ROLLING BASIS | | 0 | |
| *WV-0029 | POWER PLANT | 3/27/2018 | Auxiliary Boiler | Natural Gas | 773 | 8 mmBtu/hr | Annual emission based on 4600 hours/year. | Practices | 0.0 | 6 LB/HR | | 1.3 | 8 TONS/YEAR | | 0.00 | 8 LB/MMBTU | |
| *WV-0031 | MOCKINGBIRD HILL COMPRESSOR STATION | 6/14/2018 | WH-1 - Boiler | Natural Gas | 8.7. | 2 mmBtu/hr | Used to generated heat for the new building associated with the project during the heating season. | Limited to natural gas. | 1 . | 0 | | | 0 | | 0.2 | 8 TON/YEAR | 12-MONTH ROLLING |
| WY-0001 | COMPACIONAL DIVITION | 0.14.2010 | VACUUM | Tutula Cas | 0.2 | L IIIIII/W/III | to sea to generated near tot the new outstand absoluted with the project during the meaning season. | Little of Internal gar. | | | | | | | | I COLUMN | ROLLING. |
| AL-0231 | NUCOR DECATUR LLC | 6/12/2007 | DEGASSER BOILER | NATURAL GAS | 9. | 5 MMBTU/H | | | 0.007 | 6 LB/MMBTU | | 0.7 | 2 LB/H | | | 0 | |
| | | | | | | | | | | | LB/MM SCF OF NATURAL GAS | | | | | | |
| *AL-0280 | LENZING FIBERS, INC. | 12/6/2011 | Natural Gas Fired Broiler #3 | Natural Gas | 10 | 0 MMBTU/Hr | | Good Combustion Practices | 7.0 | 6 LB/MMSCF | USED USED | 0.00 | 5 LB/MMBTU | | | 0 | |
| *AL-0282 | LENZING FIBERS, INC. | 1/22/2014 | Natural Gas Fired Boilers (3) | Natural Gas | 10 | 0 mm btu/hr | | Good combustion Practices. | 0.007 | S LB/MMBTU | | | 0 | | | 0 | |
| | | | TWO (2) | | | | | | | | | | | | | | |
| | ST. JOSEPH ENEGRY | | NATURAL GAS AUXILIARY | | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | GOOD COMBUSTION PRACTICES | | | | | | | | | |
| *IN-0158 MD-0040 | CENTER, LLC CPV ST CHARLES | 12/3/2012 | BOILERS BOILER | NATURAL GAS NATURAL GAS | 8 | 0 MMBTU/H 3 MMBTU/H | GENERATING UNIT. AUXILIARY BOILER | AND FUEL SPECIFICATIONS | 0.007 | 5 LB/MMBTU 5 LB/MMBTU | 3 HOURS 3-HR AVERAGE | 0 | 6 LB/H | 3 HOURS | | 0 | |
| MID-0040 | CPV SI CHARLES | 11/12/2008 | | NATURAL GAS | 9. | 3 MMB1U/II | NATURAL GAS FUEL ONLY, OPERATION OF LOW-NOX BURNER TECHNOLOGY, | USE OF PIPELINE QUALITY | 0.00. | S LB/MMB1U | | | 0 | | | 0 | |
| *MD-0041 | CPV ST. CHARLES | 4/23/2014 | AUXILLARY BOILER | NATURAL GAS | | 3 MMBTU/H | FLUE GAS RECIRCULATION (FGR), GOOD COMBUSTION CONTROLS, MAX HEAT | NATURAL GAS AND GOOD COMBUSTION PRACTICES | 0.00 | 5 LB/MMBTU | 3-HOUR AVERAGE | | 0 | | | 0 | |
| 3115-0041 | WILDCAT POINT | 425201 | AUXILLARY | TOTO CLE CLE | , and a | J MAD TO TE | INPUT OF 372,000 MMBTU/HR NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | COMBUSTION PRACTICES EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS AND GOOD | | Lisminist | 3-HOUR BLOCK | | | | | | |
| *MD-0042 | GENERATION FACILITY | 4/8/2014 | BOILER | NATURAL GAS | 4 | 5 MMBTU/H | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 MMBUT/HR PER 12-MONTH ROLLING PERIOD | COMBUSTION PRACTICES | 0.007 | 5 LB/MMBTU | 3-HOUR BLOCK AVERAGE | | 0 | | | 0 | |
| | | | FGAUXBOILERS: | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | | | | | | | |
| | | | Two auxiliary boilers | | | | | | | | HEAT INPUT; | | | | | | |
| *MI-0410 | THETFORD GENERATING STATION | 7/25/2013 | < 100 MMBTU/H heat input each | natural gas | 10 | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month rolling timeperiod as determined at the end of each month. | Efficient combustion; natural gas fuel. | 0.001 | 8 LB/MMBTU | TEST PROTOCOL WILL SPECIFY | | 0 | | | 0 | |
| 331-0410 | HOLLAND BOARD OF | 112012013 | Auxiliary Boiler B | initiatin gaz | | o cucii | | Linear Company, mannings for. | 0.001 | LDMINDIC | WILL DI LCII I | | | | | | |
| *MI-0412 | PUBLIC WORKS - EAST 5TH STREET | 12/4/2013 | (EUAUXBOILERB) | natural gas | 9. | 5 MMBTU/H | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB within flexible group FGAUXBOILERS). | Good combustion practices | 0.001 | 8 LB/MMBTU | TEST PROTOCOL | | 0 | | | 0 | |
| | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH | | Auxiliary Boiler A | | | | One natural gas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA | | | | | | | | | | |
| *MI-0412 | STREET | 12/4/2013 | (EUAUXBOILERA) | natural gas | 5. | 5 MMBTU/H | One natural gas-tired auxiliary obter rated at 33 MMBI 10/hr tuet neat tiplut (EUAUABOILERA within flexible group FGAUXBOILERS). The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limited. | Good combustion practices | 0.001 | 8 LB/MMBTU | TEST PROTOCOL | | 0 | | | 0 | |
| | | | | | | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- | | | | | | | | | | |
| | | | Commercial/Instituti | | | | up of the combined cycle unit. | | | 1 | | | | | 1 | | |
| | WOODBRIDGE ENERGY | | onal size boilers less | | | | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | | | | AVERAGE OF | | | | 1 | | |
| NJ-0079 | CENTER HESS NEWARK ENERGY | 7/25/2012 | than 100 MMBtu/hr Boiler less than 100 | natural gas | 91. | 6 MMBtu/hr | LAER. | use of Natural gas | 0.1 | 7 LB/H | THREE TESTS AVERAGE OF | | 0 | | + | 0 | |
| NJ-0080 | CENTER CENTER | 11/1/2012 | MMBtu/hr | Natural Gas | 51.5 | 9 mmcubic ft/year | | use of natural gas a clean fuel | 0.2 | 2 LB/H | THREE TESTS | | 0 | | | 0 | |
| | | | | | | | TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION. WITH #2 OIL BACKUP | | | | | | | | 1 | | |
| | TOLEDO SUPPLIER PARK- | | BOILER (2), | NATURAL GAS | | 4 MMBTU/H | | | | | | | | | | 9 LB/MMBTU | |
| OH-0309 | PAINT SHOP TITAN TIRE CORPORATION | | NATURAL GAS | | | | TWO SET OF LIMITS, THIS ONE FOR NATURAL GAS | | | 4 LB/H | | 0.2 | 7 LB/YR | + | 0.001 | 9 LB/MMBTU | + |
| OH-0323 | OF BRYAN KLAUSNER HOLDING USA, | 6/5/2008 | BOILER NATURAL GAS | NATURAL GAS | 50. | 4 MMBTU/H | | | 0.00 | 2 LB/MMBTU | | | 0 | - | + | 0 | - |
| SC-0149 | INC | 1/3/2013 | BOILER EU003 | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.00 | 5 LB/MMBTU | 3-HOUR | | 0 | | | 0 | |
| SC-0149 | KLAUSNER HOLDING USA, INC | 1/3/2013 | NATURAL GAS BOILER EU003 | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.00 | 2 LB/MMBTU | 3-HOUR | | 0 | | | 0 | |
| SC-0149 | KLAUSNER HOLDING USA, | | NATURAL GAS BOILER EU004 | NATURAL GAS | | 6 MMRTU/H | | | | S I B/MMRTU | 3-HOUR | | | | 1 | | |
| | INC KLAUSNER HOLDING USA, | | NATURAL GAS | | | | | | - | | | | 0 | - | + | 0 | |
| SC-0149 | INC KLAUSNER HOLDING USA. | 1/3/2013 | BOILER EU004 NATURAL GAS | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.00 | 2 LB/MMBTU | 3-HOUR | | 0 | | + | 0 | |
| SC-0149 | INC | 1/3/2013 | BOILER EU005 | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.00 | 5 LB/MMBTU | 3-HOUR | | 0 | | | 0 | |
| SC-0149 | KLAUSNER HOLDING USA, INC | 1/3/2013 | NATURAL GAS BOILER EU005 | NATURAL GAS | 4 | 6 MMBTU/H | | | 0.00 | 2 LB/MMBTU | 3-HOUR | | 0 | | | 0 | |
| | KLAUSNER HOLDING USA, | | NATURAL GAS | | | | | | | | | | | | 1 | | |
| | HNC | 1/3/2013 | BOILER EU006 NATURAL GAS | NATURAL GAS | 4 | 6 MMBTU/H | | | | 5 LB/MMBTU | 3-HOUR | | 0 | 1 | + | U | 1 |
| SC-0149 | KLAUSNER HOLDING USA, | | | | | | | | | | | | | | | | 1 |
| SC-0149 SC-0149 | INC | 1/3/2013 | BOILER EU006 | NATURAL GAS | 4 | 6 MMBTU/H | | Clean Evel | 0.00 | 2 LB/MMBTU | 3-HOUR | | 0 | 1 home | | 0 | _ |
| | KLAUSNER HOLDING USA, INC Astoria Energy LLC Footprint Power Salem Harbor Development LP | 1/3/2013 | BOILER EU006 Auxiliary Boiler | NATURAL GAS Natural Gas | 9 | 6 MMBTU/H 9 MMBtu/hr 0 MMBtu/hr | | Clean Fuel Pipeline quality NG | 0.00: | 2 LB/MMBTU 5 LB/MMBTU | 3-HOUR 1-hr average | | 0 5 LB/H 5 lb/MMBtu | 1-hour average | | 0 | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | | | EMISSION LIMIT 2 | UNIT | | STANDARAD EMISSION LIMIT | AVG TIME CONDITION |
|--------|---|----------------------|----------------------|--------------|------------|-------------------------------|----------------------------|---------------------|----------|-------------------|---------------------|------|------|-----------------------------|-----------------------|
| | CPV Valley Energy Center Wawayanda, NY | | Auxiliary Boiler | Natural Gas | 73.5 | 5 MMBtu/hr | Low sulfur fuel. | 0.0063 | LB/MMBTU | 1-hr average | | | | | |
| | Hess Newark Energy Center | | Auxilary Boiler | Natural Gas | 66.2 | 2 MMBtu/hr | | 12.62 | LB/H | 1 time stack test | | | | | |
| | LAWRENCE ENERGY | | | | | | | | | | | | | | |
| | CENTER LLC | | Auxiliary Boiler | Natural Gas | 99 | 9 MMBTU/hr | | 0.0076 | LB/MMBTU | | 0.76 | LB/H | | | |
| | | | Auxiliary Boilers #1 | | | | | | | | | | | | |
| | St. Joseph's Energy Center | | and #2 | Natural Gas | 80 | 0 MMBtu/hr | | 0.0075 | LB/MMBTU | 3-hr | 0.6 | LB/H | 3-hr | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 6 | 1 MMBtu/hr | | 0.005 | lb/MMBtu | | 1.3 | T/YR | | | |
| | MOUNDSVILLE COMBINED CYCLE POWER PLANT | | Auxiliary Boiler | Natural Gas | 101 | 0 MMBtu/hr | | 0.5 | LB/H | | 0.5 | T/YR | | | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|--------------------|--|----------------------|--|----------------------------|------------|-----------------|--|---|---------------------|----------------------|-----------------------------|---------------------|-----------|-----------------------------|--|----------|-----------------------|
| | DANIA BEACH ENERGY | | 99.8 MMBtu/hr | | | | | | 1 | gr S/100 scf natural | | | | | | | |
| *FL-0363 | CENTER | 12/4/201 | NATURAL GAS | Natural gas | 99.8 | MMBtu/hr | Fueled only with natural gas. | Clean fuels | 2 | 2 gas | | 20 | % OPACITY | | - | | |
| | | | AUXILIARY | | | | | PROPER DESIGN AND GOOD | | | | | | | | | |
| | MIDWEST FERTILIZER | | BOILERS (EU- 012A, EU-012B, EU | NATURAL | | | | COMBUSTION PRACTICES AT ALL TIMES THE BOILERS ARE IN | | | 3 HOUR | | | 1 | | | ' |
| IN-0263 | COMPANY LLC | 3/23/201 | 10120 | GAS | 218.6 | MMBTU/H | | OPERATION. | 7.6 | 6 LB/MMCF EACH | | 0 | | | 1 . | | |
| | LAKE CHARLES | | Auxiliary Boilers and | 1 | | | Supplement fuel: fuel gas | good engineering design and proper | | | | | | | | | |
| LA-0305 LA-0307 | METHANOL FACILITY MAGNOLIA LNG FACILITY | | Superheaters Auxiliary boilers | Natural Gas natural cas | 171 | mm btu/hr | Boilers: 225 MM BTU/hr each | operation good combustion practices | (| 0 | | 0 | | | 1 - | | + |
| | | 3/21/2011 | / Auxinia y Doncis | inituin gas | | man otto m | | good combanion practices | ` | | | | | | | 1 | 1 |
| | DTE GAS COMPANY MILFORD COMPRESSOR | | | | | | Two natural gas-fired auxiliary boilers, each rated at 6 MMBTU/H fuel heat input. The boilers are identified as EUAUXBOIL2 and EUAUXBOIL3 within the flexible group FGAUXBOILERS. | Good combustion practices and low sulfur | | | | | | | | | |
| MI-0420 | STATION | 6/3/2016 | FGAUXBOILERS | Natural gas | 6 | MMBTU/H | The boilers are subject to 40 CFR Part 63 Subpart DDDDD, which requires tune ups. | fuel (pipeline quality natural gas). | 0.0075 | LB/MMBTU | TEST PROTOCOL | 0 | | | 1 . | | |
| MI-0423 | D. TO. T. C. | | EUAUXBOILER | 1 | | MMBTU/H | | | | 6 LB/H | HOURLY, TEST | | | | | | |
| MI-0423 | INDECK NILES, LLC | 1/4/201 | (Auxiliary Boiler) | natural gas | 182 | MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | Good combustion practices. | 1.30 | b LB/H | PROTOCOL | 0 | | | | , | + |
| | HOLLAND BOARD OF | | | | | | | | | | TEST PROTOCOL | | | | | | |
| MI-0424 | PUBLIC WORKS - EAST 5TH STREET | 12/5/2014 | EUAUXBOILER (Auxiliary boiler) | natural gas | 83.5 | MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). | Good combustion practices | 0.007 | LB/MMBTU | WIL SPECIFY AVG TIME | | | | 1 , | | |
| | JIMLD1 | 123201 | (Auxiliary boiler) FGAUXBOILERS | maturin gas | 03.3 | MAINTO II | One making gir free marining works intending of a printer form that feat input (1571-745011.114). | Cood combanion practices. | 0.007 | Lasministo | TO TIME | | | | <u> </u> | | + |
| | | | (6 auxiliary boilers EUAUXBOIL2A | | | | | | | | | | | | | | |
| | | | EUAUXBOIL3A, | | | | Four natural gas-fired auxiliary boilers, each rated at 3 MMBTU/H fuel heat input | | | | | | | | | | |
| | | | EUAUXBOIL2B, | | | | (EUAUXBOIL2A, EUAUXBOIL3A, EUAUXBOIL2B and EUAUXBOIL3B in | | | | | | | | | | |
| | DTE GAS COMPANY - MILFORD COMPRESSOR | | EUAUXBOIL3B, EUAUXBOIL2C | | | | FGAUXBOILERS) and two natural gas-fired auxiliary boilers, each rated at 1 MMBTU/H fuel heat input (EUAUXBOIL2C and EUAUXBOIL3C in FGAUXBOILERS). The boilers are | Good combustion practices and low sulfur | | | | | | | | | |
| | STATION | 3/24/201 | EUAUXBOIL3C) | Natural gas | 3 | MMBTU/H | subject to 40 CFR Part 63 Subpart DDDDD which requires tune ups. A natural gas-fired suxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | fuel (pipeline quality natural gas). | 0.52 | LB/MMSCF | EACH BOILER | 0 | | | |) | |
| | | | | | | | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | | | | | | | | | | |
| | MEC NORTH, LLC AND MEC | | EUAUXBOILER (North Plant): | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | | | | | | | 1 | | | |
| *MI-0433 | SOUTH LLC | 6/29/2011 | (North Plant): Auxiliary Boilder | Natural gas | 61.5 | MMBTU/H | NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices | 0.46 | 6 LB/H | HOURLY | 0 | | | | | <u> </u> |
| | | | EUAUXBOILER | | | | Nox burners (LNB) and flue gas recirculation (FGR). A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | | | | |
| | MEC NORTH, LLC AND MEC | | (South Plant): | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low | | | | | | | 1 | | | |
| *MI-0433 | SOUTH LLC | 6/29/2011 | Auxiliary Boiler | Natural gas | 61.5 | MMBTU/h | NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices. | 0.46 | 6 LB/H | HOURLY | 0 | | 1 | | | |
| | | | | | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the | | | | | | | | | | |
| | BELLE RIVER COMBINED | | EUAUXBOILER: | | | 1 | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | | | 1 | 1 | | | 1 | | 1 | 1 |
| *MI-0435 | CYCLE POWER PLANT | 7/16/2011 | Auxiliary Boiler | Natural gas | 99.9 | MMBTU/H | is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices, low sulfur fuel | 0.007 | LB/MMBTU | HOURLY AV OF THREE | 0.7 | LB/H | HOURLY | |) | |
| | PSEG FOSSIL LLC SEWAREN GENERATING | | Auxiliary Boiler | | | | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBtu/hr (HHV) permitted to | | | | AV OF THREE ONE HOUR | | | | | | |
| NI-0084 | SEWAREN GENERATING STATION | 3/10/2016 | Auxiliary Boiler firing natural gas | natural gas | 80 | MMBtu/hr | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBfu/fir (HHV) permitted to operate for 8760 hrs/yr. | use of natural gas a clean burning fuel | 0.4 | 4 LB/H | STACK TESTS | 0 | | | 1 , | | |
| | | | | | | | The state of the s | | | | AV OF THREE | | | | | | 1 |
| | MIDDLESEX ENERGY | | AUXILIARY | | | | | USE OF NATURAL GAS A CLEAN | | | ONE H STACK TESTS | | | | | | |
| NJ-0085 | CENTER, LLC | 7/19/2016 | BOILER | Natural GAS | 97.5 | MMBtu/hr | | BURNING FUEL | 0.488 | s LB/H | INITIALLY | 0 | | | 1 , | | |
| | CPV FAIRVIEW ENERGY | | | | | | | | | | | | | 12-MONTH | | | 1 7 |
| *PA-0310 | CENTER MOCKINGBIRD HILL | 9/2/2016 | Auxilary boiler | Natural Gas | 92.4 | MMBtu/hr | Operation of the auxiliary boiler shall not exceed 4000 hrs in any continuous 12-month period. | ULSD and good combustion practices | 0.007 | 7 LB/MMBTU | | 1.29 | TPY | ROLLING BASIS | - |) | |
| *WV-0031 | COMPRESSOR STATION | 6/14/2011 | WH-1 - Boiler | Natural Gas | 8.72 | mmBtu/hr | Used to generated heat for the new building associated with the project during the heating season. | Limited to natural gas | (| 0 | | 0 | | | 0.21 | TON/YEAR | |
| *AK-0083 | KENAI NITROGEN OPERATIONS | 1/6/2011 | Five (5) Waste Heat Boilers | Natural Gas | 50 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 0.0074 | LB/MMBTU | 3-HR AVG | | | | 1 . | , | |
| | KENAI NITROGEN | | Five (5) Waste Heat | | | | 10 | | | | | | | | <u> </u> | 1 | + |
| *AK-0083 | OPERATIONS | 1/6/201: | Boilers 3 NATURAL GAS- | Natural Gas | 50 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | Limited Use (200 hr/yr) | 0.0074 | 4 LB/MMBTU | 3-HR AVG | 0 | | | - | | |
| | | | FIRED BOILERS | | | | | | | | | | | | | | ' |
| | | | WITH ULNB | | | | | | | | | | | | | | ' |
| AL-0230 | THYSSENKRUPP STEEL AND STAINLESS USA, LLC | 8/17/200 | & EGR (537- | NATURAL | | MMBTU each | THIS PROCESS IS COVERED UNDER 503-0095-X026. | | | 6 LB/MMBTU | | | | | l . | | ' |
| AL-0230 | | | PICKLE LINE | GAS NATURAL | | | THIS PROCESS IS COVERED UNDER 303-0093-A026. | | | | | 0.3 | LB/H | | | , | + |
| AR-0090 | NUCOR STEEL, ARKANSAS | 4/3/200 | BOILERS, SN-52 | GAS | 12.6 | MMBTU EACH | | GOOD COMBUSTION PRACTICE OPERATIONAL RESTRICTION OF 500 | 0.3 | 3 LB/H | | 1.3 | T/YR | | 0.0076 | LB/MMBTU | |
| | VICTORVILLE 2 HYBRID | | AUXILIARY | NATURAL | | | | OPERATIONAL RESTRICTION OF 500 HR/YR, USE PUC QUALITY | D | | | | | | | | ' |
| CA-1191 | POWER PROJECT | 3/11/2010 | BOILER | GAS | 35 | MMBTU/H | | NATURAL GAS USE PUC QUALITY NATURAL GAS, | 0.2 | 2 GR S/100 SCF | | 0 | | | 1 | | |
| | | | AUXILIARY | NATURAL | | | | USE PUC QUALITY NATURAL GAS, OPERATIONAL LIMIT OF 46,675 | | | | | | | | | 1 |
| CA-1192 | AVENAL ENERGY PROJECT | 6/21/201 | BOILER | GAS | 37.4 | MMBTU/H | | MMBTU/YR | 0.0034 | 4 GR S/100 SCF | | 0 | | | 1 , | | ' |
| | | | | N | | | | USE PUC QUALITY NATURAL GAS, | | | | | | | | | |
| CA-1192 | AVENAL ENERGY PROJECT | 6/21/201 | AUXILIARY BOILER | NATURAL GAS | 37.4 | MMBTU/H | | OPERATIONAL LIMIT OF 46,675 MMBTU/YR | 0.0034 | 4 GR S/100 SCF | | | | 1 | 1 . | | 1 |
| | | 0.27/201 | BOILER TWO 99.8 | | 37.4 | | | | 0.3034 | | | | | | T ' | | T - |
| | | | MMBTU/H GAS- FUELED | | | | | | | | | | | 1 | | | ' |
| | FPL WEST COUNTY | | AUXILIARY | NATURAL | | | | | | | | | | 1 | | | 1 |
| FL-0286 | ENERGY CENTER | 1/10/200 | BOILERS | GAS | 99.8 | MMBTU/H | PRODUCE 85,000 LB/HR STEAM EACH | | 2 | 2 GR S/100 SCF | 1 | 0 | | 1 | 1 | | ' |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying | | | | | | | 1 | | | 1 |
| | | | | | | | process. Two boilers each share a common stack for a total of two stacks. In the initial phase of | | | | | | | 1 | | | 1 ' |
| | | | Four(4) Natural Gas Boilers - 46 | | | | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | 1 | | | 1 |
| FL-0335 | SUWANNEE MILL | 9/5/2011 | MMBtu/hour | Natural Gas | 46 | MMBTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | , | GR S/100 SCF | | 0 | | 1 | 1 4 | | 1 ' |
| | | ,.5/201 | | | 10 | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying | ***** | | | | | | | | | |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying process. Two boilers each share a common stack for a total of two stacks. In the initial phase of | | | | | | | 1 | | | 1 ' |
| | | | Four(4) Natural Gas | | | 1 | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | 1 | 1 | | | 1 | | 1 | 1 |
| FL-0335 | SUWANNEE MILL | 04.000 | Boilers - 46 MMBtu/hour | Natural Gas | | MMBTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | 1 . | GR S/100 SCF | | _ | | 1 | 1 . | , | ' |
| rL-0333 | | 9/5/2011 | INIVIDUU/BOUF | ivaturai Gas | 46 | INIMIA I U/FI | r many, are two oromass doners will be duit and drought on line. | Good Combustion Practice | 1 - 1 | 2 JOK 5/100 SCF | AVERAGE OF 3 | 0 | | 1 | T ' | Ή | + |
| | MARSHALLTOWN | | J | I | | | | | | | ONE-HOUR TEST | | | 1 | | | ' |
| *IA-0107 | GENERATING STATION | 4/14/2014 | auxiliary boiler TWO (2) | natural gas | 60.1 | mmBtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | | 0.008 | 8 LB/MMBTU | RUNS | 0 | - | + | + ' | 1 | + |
| | | | NATURAL GAS | | | 1 | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | | | 1 | 1 | | | 1 | | 1 | 1 |
| *IN-0158 | ST. JOSEPH ENEGRY | 12/3/2012 | AUXILIARY | NATURAL | | NO COTTUTE | BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM GENERATING UNIT. | GOOD COMBUSTION PRACTICES | | S LB/MMBTU | 1 HOURE | | LB/H | 3 HOURS | | J | 1 ' |
| -1N-0158 | CENTER, LLC | 12/3/2012 | BOILERS | UAS | 80 | MMBTU/H | GENERATING UNIT. | AND FUEL SPECIFICATIONS Good equipment design and proper | 0.0075 | LB/MMBTU | 3 HOURS | 0.6 | LB/H | 3 HOURS | 1 ' | 1 | + |
| | | | | | | 1 | | combustion practices, | | 1 | HOURLY | | | 1 | | 1 | 1 |
| LA-0240 | FLOPAM INC. | 6/14/2010 | Boilers | natural gas | 25.1 | MMBTU/H | | fueled by natural gas/alcohol | 0.1 | 1 LB/H | MAXIMUM | 0.005 | LB/MMBTU | + | + | 1 | +' |
| | | | | | | | | Good equipment design and proper combustion practices, | | | HOURLY | | | 1 | | | 1 |
| LA-0240 | FLOPAM INC. | 6/14/2010 | Boilers | natural gas | 25.1 | MMBTU/H | | fueled by natural gas/alcohol | 0.13 | LB/H | MAXIMUM | 0.005 | LB/MMBTU | | 1 . | | |
| | SALEM HARROR STATION | | | | | | | | | | 1 HR AVG, DOES NOT APPLY | | | 1 HR AVG, DOES NOT APPLY | 1 | | 1 |
| *MA-0039 | REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | 80 | MMBtu/hr | | | 0.005 | LB/MMBTU | DURING SS | 0.4 | LB/H | DURING SS | | | |
| | | | | NATURAL | | MMBTU/H | AUXILIARY BOILER | | | | | | | | | | |
| MD-0040 | CPV ST CHARLES | 11/12/2001 | | | | | | | | LB/MMBTU | 3-HR AVERAGE | | | | | | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | | G TIME NDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|----------|---|------------------------|---|-----------------|------------|--------------------|--|---|---------------------|--------------|---|---------------------|-----------|-------------------|-----------------------------|----------|-----------------------|
| *MD-0041 | CPV ST. CHARLES | 4/23/2014 | AUXILLARY BOILER | NATURAL | | MMBTU/H | NATURAL GAS FUEL ONLY, OPERATION OF LOW-NOX BURNER TECHNOLOGY, FLUE GAS RECIRCULATION (FGR), GOOD COMBUSTION CONTROLS, MAX HEAT INPUT OF 372,000 MMBTU/HR | USE OF PIPELINE QUALITY NATURAL GAS AND GOOD COMBUSTION PRACTICES | | LB/MMBTU | 3-HOUR AVERAGE | 2 | e.u. e.u. | | | | COMMINICA |
| | WILDCAT POINT | | AUXILLARY | NATURAL | | | NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS AND GOOD | | | 3-HOUR BLOCK | | 0 | | <u> </u> | , | |
| *MD-0042 | GENERATION FACILITY | 4/8/2014 | FGAUXBOILERS: | GAS | 4: | MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | COMBUSTION PRACTICES | 0.0075 | LB/MMBTU | AVERAGE | | 0 | | - | | |
| | THETFORD GENERATING | | Two auxiliary boilers < 100 MMBTU/H | | | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month | | | | HEAT INPUT; TEST PROTOCOL | | | | | | |
| *MI-0410 | HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH | | heat input each Auxiliary Boiler B | natural gas | 100 | Jeach | rolling timeperiod as determined at the end of each month. One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB | Efficient combustion; natural gas fuel. | | LB/MMBTU | SPECIFY AVG | | 0 | | | , | |
| *MI-0412 | STREET HOLLAND BOARD OF PUBLIC WORKS - EAST 5TH | 12/4/2013 | (EUAUXBOILERB) Auxiliary Boiler A | natural gas | 9: | MMBTU/H | within flexible group FGAUXBOILERS). One natural gas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA | Good combustion practices | 0.007 | LB/MMBTU | TEST PROTOCOL | | 0 | | | | |
| *MI-0412 | STREET | 12/4/2013 | (EUAUXBOILERA) SMALL BOILERS | natural gas | 5: | MMBTU/H | within flexible group FGAUXBOILERS). | Good combustion practices | 0.007 | LB/MMBTU | TEST PROTOCOL | | 0 | | (| | - |
| MN-0070 | MINNESOTA STEEL INDUSTRIES, LLC | 9/7/2007 | HEATERS(<100 MMBTU/H) | NATURAL GAS | 9 | MMBTU/H | | | 0.0025 | GR S/100 SCF | 3 HOUR AVERAGE | | 0 | | | | |
| *MS-0092 | EMBERCLEAR GTL MS | 5/8/2014 | 261 MMBtu/h natrual gas-fired boiler, equipped with low-NOx burners, SCR, and CO catalytic oxidation | NATURAL GAS | 26 | MMBTU/H | | | 1.31 | LB/H | 3-HR AVERAGE | | 0 | | | | |
| *MS-0092 | EMBERCLEAR GTL MS | 5/8/2014 | 261 MMBtu/h natrual gas-fired boiler, equipped with low-NOx burners, SCR, and CO catalytic oxidation | NATURAL GAS | 26 | ММВТИ/Н | | | 1.31 | LB/H | 3-HR AVERAGE | | 0 | | | | |
| | | | Commercial/Instituti | | | | The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtuh and will be limited to natural gas firing only. It will be operated for the purposes of supplying steam during the start-up of the combined cycle unit. | | | | | | | | | | |
| NJ-0079 | WOODBRIDGE ENERGY CENTER HESS NEWARK ENERGY | 7/25/2012 | onal size boilers less than 100 MMBtu/hr Boiler less than 100 | natural gas | 91.0 | MMBtu/hr | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and LAER. | Natural Gas | 0.46 | LB/H | AVERAGE OF THREE TESTS AVERAGE OF | | 0 | | (| | ļ |
| NJ-0080 | CENTER | 11/1/2012 | MMBtu/hr | Natural Gas | 66.3 | MMBtu/hr | THE BACT DETERMINATIONS REPORTED HERIN ARE SPECIFICALLY FOR THE | use of natural gas a clean fuel | 0.33 | LB/H | THREE TESTS | | 0 | | (| | - |
| NV-0044 | HARRAH'S OPERATING COMPANY, INC. | 1/4/2007 | COMMERCIAL/IN STITUTIONAL- SIZE BOILERS | NATURAL | 25 | ммвти/н | TWO HUST BOILES INSTALLED AT CASSANS PALACE. EACH OF THEM HAS A RATED HEAT INTO FOR SAM MEMBER. THE PERMITTION GO ATION ALSO APPROVED THE INSTALLATION OF A NUMBER OF SMALL BOILES, ALL OF WHICH AVER A RATED HEAT INFUT BELOW THE THRESHOLD IN INSTITUTIONAL SIZE. NATURAL GAS IS THE ONLY FUEL USED FOR ALL BOILES FOR THIS FACILITY. THE FORLA INCREASE OF RATED HEAT INFUT FOR ALL ITHE NEW BOILES IS 100. THIS FACILITY INFORMATION. THE TWO NEW HURST BOILES HAVE THE COMBINED RATED HEAT INFUT FOR ALL THE NEW BOILES IS 100. THE NEW BOILES HAVE THE COMBINED RATED HEAT INFUT FOR ALL THE TOTAL INCREASE. | USE OF NATURAL GAS AS THE ONLY FUEL | 0.0075 | LB/MMBTU | | | 26 LB/H | | 0.007 | LB/MMBTU | |
| | GOODSPRINGS | | COMMERCIAL/IN STITUTIONAL | NATURAL | | | | | | | | | | | | | |
| NV-0046 | COMPRESSOR STATION | 5/16/2006 | BOILERS/HEATER S - NATURAL GAS- | GAS | 3.8: | MMBTU/H | THE UNIT'S MODEL IDENTIFICATION IS PERBLESS 724 FDA WU. THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 (RITE BOILER, 6.5 MMBTU/HR) IS SELECTED TO SHOW THE BACT | GOOD COMBUSTION PRACTICE | 0.0078 | LB/MMBTU | | 0.1 | 13 T/YR | | 0.0078 | LB/MMBTU | |
| NV-0047 | NELLIS AIR FORCE BASE GOODSPRINGS | 2/26/2008 | FIRED COMMERCIAL/IN STITUTIONAL- SIZE BOILER (<100 | GAS NATURAL | | | DETERMINATIONS. THE PROCESS CONSISTS OF ONE PEERLESS BOILER. THE BOILER IS ALLOWED TO | FLUE GAS RECIRCULATION NATURAL GAS IS THE ONLY FUEL | | LB/MMBTU | | | OS LB/H | | 0.0077 | LB/MMBTU | |
| NV-0048 | COMPRESSOR STATION | 5/16/2006 | MMBTU/H) | GAS | 3.8: | MMBTU/H | OPERATE 8,700 HOURS PER YEAR. THE EMISSION UNIT IS A CLEAVES BROOKS BOILER AT HARRAHS LAS VEGAS. UNIT HAMS IS IDENTICAL TO HADO AND HAID. THE SAME SET OF EMISSION LIMITS APPLIES TO EACH OF THE THREE BOILERS. THE THISTE BOOLERS ARE SUBJECT TO THE LIMIT OF TOTAL ANNUAL OPERATING THAF FOR 20,000 HOURS FIR YEAR. THERE ARE NO BOLERS AT HARRAHS LAS YEARS, WHICH HAS A THROUGHPUT CAPACITY IN EXCESS OF 10 MMBTUHR. NO BACT DETERMINATIONS FOR ANY MESSISION UNITS AT BLILLS GAMBLE WHALL & SALON ARE REPORTED HEREIN | USED BY THE UNIT. OPERATING IN ACCORDANCE WITH | | LB/MMBTU | | 0.0 | 33 LB/H | | | | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT HA08 | NATURAL GAS | 8.3 | MMBTU/H | BECAUSE ALL OF THEM HAVE A VERY SMALL POTENTIAL TO EMIT FOR ANY POLLUTANT. | THE MANUFACTURERS SPECIFICATION FLUE GAS RECIRCULATION AND | | LB/MMBTU | | 0.06 | 63 LB/H | | 0.0075 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL GAS | 14 3. | MMBTU/H | UNIT FL01 IS A JOHNSTON BOILER AT FLAMINGO LAS VEGAS. THIS UNIT MAY OPERATE 8,760 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION | | LB/MMBTU | | 0.1 | 11 LB/H | | 0.0075 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL GAS | | MMBTU/H | UNIT BA0I IS A KEWANEE BOILER AT BALLY'S LAS VEGAS. UNIT BA0I IS IDENTICAL TO UNIT BA02. THE TWO BOILERS ARE SUBJECT TO THE ANNUAL LIMIT OF COMBINED TOTAL OPERATING TIME FOR 1,900 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | | LB/MMBTU | | | 13 LB/H | | | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL | | MMBTU/H | UNIT BAGS IS A KIWANEE BOLER AT BALLY'S LAS VEGAS. THE ANNUAL OPERATING TIME IS LIMITED TO 2-920 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | | LB/MMBTU | | | 24 LB/H | | | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 8/20/2009 | BOILER - UNIT | NATURAL GAS | | MMBTU/H | OPERATING TIME IS LIMITED TO 2,920 HOURS PER YEAR. UNIT CPOI IS A HURST BOILER AT CASSARS PALACE. UNIT CPOI IS IDENTICAL TO UNIT CPO2. UNITS CPOI THROUGH CPOS (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | | 1 | LB/MMBTU | | | 24 LB/H | | | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | | NATURAL GAS | 33.49 | MMBTU/H | UNIT CP03 IS A BURNHAM BOILER AT CAESAR'S PALACE. UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | | LB/MMBTU | | 0.2 | 25 LB/H | | 0.0075 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | | NATURAL GAS | 24 | MMBTU/H | UNIT CP26 IS A UNILUX BOILER AT CAESAR'S PALACE. THE UNIT IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | 0.0075 | LB/MMBTU | | 0.1 | 8 LB/H | | 0.0075 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT PAI5 | NATURAL GAS | 2 | ммвти/н | UNIT PAIS IS A BRYAN BOILER AT PARIS CASINO RESORT. UNIT PAIS IS IDENTICAL TO UNIT PAIG. UNIT PAIA IS A BRYAN BOILER RATED AT 17.0 MMBTUHR. EACH OF THE THREE BOILERS IS SUBJECT TO THE LITHOF ANNUAL OPERATING TIME FOR 4.380 HOURS PER YEAR. THEY SHARE THE SAME BACT DETERMINATIONS ON THE PER MMBTU BASIS. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | 0.0076 | LB/MMBTU | | 0.1 | 6 LB/H | | 0.0076 | LB/MMBTU | |

| | | | | PRIMARY | | | | | EMISSION | | AVG TIME | EMISSION | | AVG TIME | STANDARAD | | AVG TIME |
|----------|---|----------------------|---|------------------------|------------|-----------------|---|---|----------|----------|-------------------|----------|----------|------------------------------|----------------|-----------|--------------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | UNIT | CONDITION | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT IP04 | NATURAL GAS | 16.7 | 7 MMBTU/H | UNIT 1P04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT 1P04 IS IDENTICAL TO UNIT 1P05. EITHER BOILER IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER YEAR. | OPERATING IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION | 0.0078 | LB/MMBTU | | 0.13 | LB/H | | 0.0078 | LB/MMBTU | |
| | , | | BOILERS - UNITS CC001, | | | | THE THREE UNITS ARE IDENTICAL NEBRASKA BOILERS, EACH OF WHICH IS RATED AT 41.64 MMBTU/HR. EACH UNIT IS ALLOWED TO OPERATE 24 | | | | | | | | | | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | | NATURAL GAS | 41.64 | MMBTU/H | HOURS/DAY AND UP TO 5,800 HOURS/ YEAR. THE EMISSION LIMITS REPORTED HEREIN ARE BASED ON THE ATC PERMIT FOR MODIFICATION 98 DATED MARCH 30, 2006 | LIMITING THE FUEL TO NATURAL GAS ONLY AND GOOD COMBUSTION PRACTICES | | LB/MMBTU | | 7 64 | I.B/D | | 0.0077 | I.B/MMBTU | |
| | CAITHNES BELLPORT | | AUXILIARY | NATURAL | | | | | | | | 7.04 | LDID | | 0.0077 | LINIMIDIO | |
| NY-0095 | ENERGY CENTER | 5/10/2006 | BOILER | GAS | 29.4 | MMBTU/H | 4800 H/YR TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION WITH #2 OIL BACKUP | LOW SULFUR FUEL | 0.0033 | LB/MMBTU | | 0 | | | 0 | | + |
| OH-0309 | TOLEDO SUPPLIER PARK- PAINT SHOP | 5/3/2007 | BOILER (2), NATURAL GAS | NATURAL GAS | 20.4 | 4 MMBTU/H | TWO SET OF LIMITS, THIS ONE FOR NATURAL GAS | | 0.15 | LB/H | | 0.78 | T/YR | | 0.0075 | LB/MMBTU | |
| OH-0323 | TITAN TIRE CORPORATION OF BRYAN | 6/5/2008 | DOILED. | NATURAL GAS | 50. | 4 MMBTU/H | | use of natural gas | 0.094 | I Dai | | 0.41 | T/YR | | 1.0 | LB/MMSCF | AP-42 FACTOR |
| | REPUBLIC STEEL | | | Natural Gas | | MMBtu/H | Natural Gas-fired stam boiler to vacuum tank degasser | use or naturar gas | | LB/H | | | T/YR | | 0 | LB/MMSCF | AF-42 FACTOR |
| | one con crean | | | | | | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, | G. 1 . 6 . 1 | | | | | | nen norrano | | | |
| OH-0352 | OREGON CLEAN ENERGY CENTER PRYOR PLANT | | Auxillary Boiler BOILERS #1 | Natural Gas NATURAL | 95 | MMBtu/H | burning only natural gas. Boiler restricted to 2000 hours of operation per rolling 12- months. THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE | Clean burning fuel, only burning natural gas | 0.79 | LB/H | | 0.79 | T/YR | PER ROLLING 12-MONTHS | 0.008 | LB/MMBTU | |
| DK-0135 | CHEMICAL | 2/23/2009 | AND #2 | GAS | 80 | MMBTU/H | VARIOUS PIECES OF EQUIPMENT AT THE FACILITY. | | 0.6 | LB/H | | 0 | | | 0 | | |
| OK-0135 | PRYOR PLANT CHEMICAL | 2/23/2009 | | NATURAL GAS | 80 | MMBTU/H | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS PIECES OF EQUIPMENT AT THE FACILITY. | Natural Gas | 0.5 | LB/H | 24-HOUR | 0 | | | 0 | | |
| OR-0048 | CARTY PLANT | 12/29/2010 | NATURAL GAS- FIRED BOILER | NATURAL GAS | 91 | MMBTU/H | | CLEAN FUEL | 2.5 | LB/MMSCF | | 0 | | | 0 | | |
| *PA-0291 | HICKORY RUN ENERGY STATION | 4/23/2013 | AUXILIARY | Natural Gas | |) MMBTU/H | | | 0.005 | LB/MMBTU | | 0.45 | T/YR | 12-MONTH ROLLING TOTAL | | | |
| *PA-0291 | BERKS HOLLOW ENERGY ASSOC | 4/23/2013 | BOILER | Natural Gas | 40 | MMBTU/H | | | 0.005 | LB/MMBTU | | 0.46 | I/YR | TOTAL | 0 | | |
| *PA-0296 | LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | 40 | MMBtu/hr | | Natural Gas | | T/YR | | 0 | | | 0 | | + |
| SC-0112 | NUCOR STEEL - BERKELEY | 5/5/2008 | VACUUM DEGASSER BOILER | NATURAL | 50.21 | MMBTU/H | | GOOD COMBUSTION PRACTICES PER MANUFACTURER'S GUIDANCE | | LB/MMBTU | | | | | 0.0076 | LB/MMBTU | |
| SC-0112 | | 5/5/2008 | | GAS | 50.21 | MMB1U/H | | GUIDANCE | 0.0076 | LB/MMB1U | | 0 | | | 0.0076 | LB/MMB1U | + |
| SC-0149 | KLAUSNER HOLDING USA, INC | 1/3/2013 | NATURAL GAS BOILER EU003 | | 46 | MMBTU/H | | Natural gas | 0.005 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| SC-0149 | KLAUSNER HOLDING USA, INC | 1/3/2013 | NATURAL GAS BOILER EU004 | NATURAL GAS | 46 | MMBTU/H | | Natural gas | 0.005 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| | KLAUSNER HOLDING | | NATURAL GAS | | | | | | | | | | | | | | |
| SC-0149 | USA, INC KLAUSNER HOLDING | 1/3/2013 | BOILER EU005 NATURAL GAS | GAS | 46 | MMBTU/H | | Natural gas | 0.005 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| SC-0149 | USA, INC PORT OF BEAUMONT | 1/3/2013 | BOILER EU006 | | 46 | MMBTU/H | | Natural gas | 0.005 | LB/MMBTU | 3-HOUR | 0 | | | 0 | | |
| | PETROLEUM | | Commercial/Institu | | | | | | | | | | | | | | |
| *TX-0772 | TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | tional-Size Boilers/Furnaces | natural gas | 40 | MMBtu/hr | Hot oil heater | Good combustion practice to ensure complete combustion. gaseous fuel | 1.31 | T/YR | | 0 | | | 0 | | |
| | PORT OF BEAUMONT PETROLEUM | | Commercial/Institu | | | | | | | | | | | | | | |
| *TX-0772 | TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | tional-Size Boilers/Furnaces | natural gas | 95.7 | 7 MMBtu/hr | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary to reduce viscosity of heavy liquids. | Use of gaseous fuel with efficient combustion. | 7.49 | T/YR | | 0 | | | | | |
| | PORT OF BEAUMONT | | | | | | | | | | | | | | | | |
| TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | Commercial/Institu tional-Size Boilers/Furnaces | natural gas | 13.5 | 2 MMBtu/hr | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers and heavy liquid storage tanks. | Good combustion practice to ensure complete combustion. | 0.4 | T/YR | | | | | | | |
| | CHEYENNE PRAIRIE | | _ | | | | | | | | 3 HOUR | | | 3 HOUR | | | |
| *WY-0075 | CHEYENNE PRAIRIE GENERATING STATION | 7/16/2014 | Auxiliary Boiler | natual gas | 25.00 | MMBtu/h | | good combustion practices | 0.0175 | LB/MMBTU | 3 HOUR AVERAGE | 0.4 | LB/H | 3 HOUR AVERAGE | 0 | | |
| | Astoria Energy LLC | | Auxiliary Boiler | Natural Gas | 95 | MMBtu/hr | | Clean Fuel | 0.005 | LB/MMBTU | 1-hr average | 0.495 | LB/H | 1-hour average | | | |
| | Footprint Power Salem Harbor Development LP | | Auxiliary Boiler | Natural Gas | 80 | MMBtu/hr | | Pipeline quality NG | 0.4 | LB/H | 1-hr average | 0.005 | lb/MMBtu | 1-hr average | | | |
| | CPV Valley Energy Center Wawayanda, NY | | | Natural Gas | 73.5 | 5 MMBtu/hr | | Low sulfur fuel. | 0.0063 | LB/MMBTU | 1-hr average | | | | | | |
| | Cricket Valley Energy Center | | Auxiliary Boiler | Natural Gas | 48.63 | MMBtu/hr | | | 0.005 | LB/MMBTU | | | | | | | |
| | Pioneer Valley Energy Center | | Auxiliary Boiler | Natural Gas | 21 | I MMBtu/hr | | | 0.0048 | LB/MMBTU | | 0.1 | LB/H | | | | |
| | Tenaska Partners LLC | | Auxiliary Boiler | Natural Gas | | MMBtu/hr | | | | LB/MMBTU | | | T/YR | 12-month rolling | | | 1 |
| | Hess Newark Energy Center SUNBURY GENERATION | | Auxilary Boiler | Natural Gas | 66.2 | 2 MMBtu/hr | | Natural gas | 0.33 | LB/H | 1 time stack test | 0.005 | lb/MMBtu | | | | <u> </u> |
| | LP | | Auxiliary Boiler | Natural Gas | 100 | MMBTU/hr | | | 0.008 | LB/MMBTU | 12 month-period | 0.79 | LB/H | 12 month-period | | | |
| | SUNBURY GENERATION LP SUNBURY GENERATION | | Auxiliary Boiler | Natural Gas | 106 | MMBTU/hr | | | 1.58 | T/YR | | | | | | | |
| | LP SUNBURY GENERATION | | Auxiliary Boiler | Natural Gas | 15 | MMBTU/hr | | | 0.008 | LB/MMBTU | 12 month-period | 0.11 | LB/H | 12 month-period | | | |
| | LP | | Auxiliary Boiler | Natural Gas | 15 | MMBTU/hr | | | 0.46 | T/YR | | | | | | | |
| | Kalama Energy Center PacifiCorp's Lake Side | | Auxiliary Boiler Auxiliary Boiler | | 36.5 | MMBtu/hr | | | 0.28 | | 1-hr avg | | | + - | | | + |
| | Power Plant | | #1 | Natural Gas | 61.2 | MMBTU/hr | | | 0.01 | LB/MMBTU | 3-hr | | | 1 | | | |
| | PacifiCorp's Lake Side | 1 | Auxiliary Boiler | Natural Gas | 1 | 2 MMBTU/hr | | I | 1 | LB/MMBTU | 1 | l | I | 1 | 1 | I | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | | | STANDARAD EMISSION LIMIT | AVG TIME CONDITION |
|--------|---|----------------------|--------------------------------|-----------------|------------|-----------------|---------------|----------------------------|---------------------|----------|-----------------------|---------------------|------|------|-----------------------------|-----------------------|
| | Sevier Power Company | | Auxiliary Boiler | | | | | | | | | | | | | |
| | Power Plant | | | Natural Gas | 85 | Mmbtu/hr | | | 0.01 | LB/MMBTU | 3-hr | | | | | |
| | St. Joseph's Energy Center | | Auxiliary Boilers #1 and #2 | Natural Gas | 80 | MMBtu/hr | | | 0.0075 | LB/MMBTU | 3-hr | 0.6 | LB/H | 3-hr | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 61 | MMBtu/hr | | Natural gas | 0.005 | lb/MMBtu | | 1.3 | T/YR | | | |
| | MOUNDSVILLE COMBINED CYCLE POWER PLANT | | Auxiliary Boiler | Natural Gas | 100 |) MMBtu/hr | | | 0.5 | LB/H | | 0.5 | T/YR | | | |

| | | | | PRIMARY | | | | | EMISSION | | AVG TIME | EMISSION | | AVG TIME | STANDARAD | | AVG TIME |
|----------|---|----------------------|---|------------------------|------------|--------------------|--|---|----------|--------------|------------------------------|--|--------------|-----------------------------|----------------|----------|-----------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT 1 | UNIT | CONDITION | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| *FL-0363 | DANIA BEACH ENERGY CEN | 12/4/2017 | 99.8 MMBtu/hr auxil | li Natural gas | 99.8 | MMBtu/hr | Fueled only with natural gas. | Clean fuels | 0 | | | | 0 | | |) | ! |
| IN-0263 | MIDWEST FERTILIZER COM | 3/23/2017 | NATURAL GAS AL | J NATURAL GAS | 218.6 | MMBTU/H | | PROPER DESIGN AND GOOD COMBUSTION PRACTICES AT ALL | 7.6 | LB/MMCF EACH | 3 HOUR AVERAG | | 0 | | | 0 | |
| LA-0305 | LAKE CHARLES METHANOL | 6/30/2016 | Auxiliary Boilers and | Natural Gas | | | Supplement fuel: fuel gas Boilers: 225 MM BTU/hr each | good engineering design and proper operation | 0 | | | | 0 | | | | |
| LA-0307 | MAGNOLIA LNG FACILITY | 3/21/2016 | Auxiliary boilers | natural gas | 171 | mm btu/hr | | good combustion practices | | | | | 0 | | | | |
| MI-0420 | DTE GAS COMPANY-MILFO | 6/3/2016 | FGAUXBOILERS | | 1/1 | MMBTU/H | | Good combustion practices and low sulfur | 0.0075 | LB/MMBTU | TEST PROTOCOL | | | | | | 1 |
| | | | | Natural gas | 6 | | Two natural gas-fired auxiliary boilers, each rated at 6 MMBTU/H fuel heat input. The boilers are | fuel (pipeline quality natural gas). | | | | | 0 | | | , | |
| MI-0423 | INDECK NILES, LLC | 1/4/2017 | EUAUXBOILER (A | | | MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | Good combustion practices. | | LB/H | HOURLY, TEST I | 1 | 0 | | | 0 | + |
| MI-0424 | HOLLAND BOARD OF PUBLIC | 12/5/2016 | EUAUXBOILER (A | u natural gas | 83.5 | MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). | Good combustion practices. Good combustion practices and low sulfur | 0.007 | LB/MMBTU | TEST PROTOCOL | | 0 | | - | <u> </u> | |
| MI-0426 | DTE GAS COMPANY - MILFO | 3/24/2017 | FGAUXBOILERS (6 | 6 Natural gas | 3 | MMBTU/H | Four natural gas-fired auxiliary boilers, each rated at 3 MMBTU/H fuel heat input (EUAUXBOIL2 | fuel (pipeline quality natural gas). | 0.52 | LB/MMSCF | EACH BOILER | | 0 | | |) | |
| *MI-0433 | MEC NORTH, LLC AND MEC | 6/29/2018 | EUAUXBOILER (N | ld Natural gas | 61.5 | MMBTU/H | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTC | Good combustion practices. | 0.46 | LB/H | HOURLY | | 0 | | | 0 | |
| *MI-0433 | MEC NORTH, LLC AND MEC | 6/29/2018 | EUAUXBOILER (S | o Natural gas | 61.5 | MMBTU/h | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTC | Good combustion practices. | 0.46 | LB/H | HOURLY | | 0 | | | , | |
| *MI-0435 | BELLE RIVER COMBINED CY | 7/16/2018 | EUAUXBOILER: A | Natural gas | | MMBTU/H | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the CTG/HRSG | Good combustion practices, low sulfur fuel | | LB/MMBTU | HOURLY | | 0.7 I B/H | HOURLY | | | |
| NJ-0084 | PSEG FOSSIL LLC SEWAREN | 3/10/2016 | Auxiliary Boiler firin | | | MMBtu/hr | | | | | AV OF THREE O | | 0.7 LINII | HOURET | | | 1 |
| | | | | natural gas | | | Maximum heat input rate for natural gas fired suxiliary boiler is 80 MMBtu/hr (HHV) permitted to | use of natural gas a clean burning fuel USE OF NATURAL GAS A CLEAN | 0.4 | | | | 0 | | | - | |
| NJ-0085 | MIDDLESEX ENERGY CENT | 7/19/2016 | AUXILIARY BOILE | E Natural GAS | 4000 | H/YR | | BURNING FUEL | | LB/H | AV OF THREE O | | 0 | | | 0 | |
| *PA-0310 | CPV FAIRVIEW ENERGY CE? | 9/2/2016 | Auxilary boiler | Natural Gas | 92.4 | MMBtu/hr | Operation of the auxiliary boiler shall not exceed 4000 hrs in any continuous 12-month period. | ULSD and good combustion practices | 0.007 | LB/MMBTU | | 1 | .29 TPY | 12-MONTH ROL | Ц |) | |
| *WV-0031 | MOCKINGBIRD HILL COMPR | 6/14/2018 | WH-1 - Boiler | Natural Gas | 8.72 | mmBtu/hr | Used to generated heat for the new building associated with the project during the heating season. | Limited to natural gas | 0 | | | | 0 | | 0.2 | TON/YEAR | |
| *AK-0083 | KENAI NITROGEN OPERATIONS | 1/6/2015 | | Natural Gas | 50 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 0.0074 | LB/MMBTU | 3-HR AVG | | 0 | | | 0 | |
| *AK-0083 | KENAI NITROGEN OPERATIONS | 1/6/2015 | Five (5) Waste Heat Boilers | Natural Gas | 50 | MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 0.0074 | LB/MMBTU | 3-HR AVG | | 0 | | | 0 | |
| | VICTORVILLE 2 HYBRID | | AUXILIARY | NATURAL | | | | OPERATIONAL RESTRICTION OF 500 HR/YR, USE PUC QUALITY | | | | | | | | | |
| CA-1191 | POWER PROJECT VICTORVILLE 2 HYBRID | 3/11/2010 | BOILER | GAS NATURAL | 35 | MMBTU/H | | NATURAL GAS | 0.2 | GR S/100 SCF | | | 0 | | | 0 | |
| CA-1191 | POWER PROJECT | 3/11/2010 | AUXILIARY BOILER | GAS | 35 | MMBTU/H | | OPERATIONAL RESTRICTION OF 500 HR/YR | 0.2 | GR S/100 SCF | | | 0 | | | 0 | |
| | | | AUXILIARY | NATURAL | | | | USE PUC QUALITY NATURAL GAS, OPERATIONAL LIMIT OF 46,675 | | | | | | | | | |
| CA-1192 | AVENAL ENERGY PROJECT | 6/21/2011 | BOILER | GAS | 37.4 | MMBTU/H | | MMBTU/YR | 0.0034 | GR S/100 SCF | | | 0 | | | 0 | |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying process. Two boilers each share a common stack for a total of two stacks. In the initial phase of | | | | | | | | | | |
| | | | Four(4) Natural Gas | | | | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | |
| FL-0335 | SUWANNEE MILL | 9/5/2012 | Boilers - 46 MMBtu/hour | Natural Gas | 46 | MMBTU/H | blocks are completed, the two other natural gas boilers will be constructed and brought online. Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | 2 | GR S/100 SCF | | | 0 | | | 0 | |
| | | | | | | | The four natural sess boilers are used to generate the hot water that is used in the lumber kiln drying | | | | | | | | | | |
| | | | Four(4) Natural Gas | | | | process. Two boilers each share a common stack for a total of two stacks. In the initial phase of construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | |
| | | | Boilers - 46 | | | | blocks are completed, the two other natural gas boilers will be constructed and brought online. | | | | | | | | | | |
| FL-0335 | SUWANNEE MILL | 9/5/2012 | MMBtu/hour | Natural Gas | 46 | MMBTU/H | Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | 2 | GR S/100 SCF | AVERAGE OF 3 | | 0 | | | 0 | + |
| *IA-0107 | MARSHALLTOWN GENERATING STATION | 4/14/2014 | auxiliary boiler | natural oas | 60.1 | mmRtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | | 0.008 | LBMMBTU | ONE-HOUR TEST | | 0 | | | 0 | |
| | | | TWO (2) NATURAL GAS | | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX | | | | | | | | | | |
| | ST. JOSEPH ENEGRY | | AUXILIARY | NATURAL | | | BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | GOOD COMBUSTION PRACTICES | | | | | | | | | |
| *IN-0158 | CENTER, LLC | 12/3/2012 | BOILERS | GAS | 80 | MMBTU/H | GENERATING UNIT. | AND FUEL SPECIFICATIONS Good equipment design and proper | 0.0075 | LB/MMBTU | 3 HOURS | | 0.6 LB/H | 3 HOURS | | 0 | + |
| LA-0240 | FLOPAM INC. | 6/14/2010 | Boilers | natural sas | 25.1 | MMBTU/H | | combustion practices, fueled by natural gas/alcohol | 0.13 | LB/H | HOURLY MAXIMUM | 0.0 | 005 LB/MMBTU | | | 0 | |
| | | | | | | | | | | | 1 HR BLOCK AVG, DOES NOT | | | 1 HR BLOCK AVG, DOES NOT | r | | |
| | SALEM HARBOR STATION | | | | | | | | | | APPLY DURING | | | APPLY DURING | | | |
| *MA-0039 | REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | 80 | MMBtu/hr | | USE OF PIPELINE QUALITY | 0.005 | LB/MMBTU | SS | | 0.4 LB/H | SS | | 0 | + |
| MD-0040 | CPV ST CHARLES | 11/12/2008 | BOILER | NATURAL GAS | 93 | MMBTU/H | AUXILIARY BOILER | NATURAL GAS AND GOOD COMBUSTION PRACTICES EXCLUSIVE USE OF PIPELINE | 0.005 | LB/MMBTU | 3-HR AVERAGE | | 0 | | | 0 | |
| | WILDCAT POINT | | AUXILLARY | NATURAL | | | AUXILIARY BOILER NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | EXCLUSIVE USE OF PIPELINE QUALITY NATURAL GAS AND GOOD | | | 3-HOUR BLOCK | | | | | | |
| *MD-0042 | GENERATION FACILITY | 4/8/2014 | BOILER | GAS | 45 | MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD | COMBUSTION PRACTICES | 0.0075 | LB/MMBTU | AVERAGE | | 0 | | 1 | 0 | |
| | | | FGAUXBOILERS: | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | | | | | | | |
| | THETFORD GENERATING | | Two auxiliary boilers < 100 MMBTU/H | i | | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month | | | | HEAT INPUT; TEST PROTOCOL | | | | | | |
| *MI-0410 | STATION HOLLAND BOARD OF | 7/25/2013 | heat input each | natural gas | 100 | each | rolling timeperiod as determined at the end of each month. | Efficient combustion; natural gas fuel. | 0.007 | LB/MMBTU | WILL SPECIFY | | 0 | | 1 | 0 | + |
| *MI-0412 | PUBLIC WORKS - EAST 5TH STREET | 12/4/2013 | Auxiliary Boiler B (EUAUXBOILERB) | natural me | 0.5 | MMRTU/H | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB within flexible group FGAUXBOILERS). | Good combustion reactions | 0.007 | LB/MMBTU | TEST PROTOCOL | | | | | | |
| M1-0412 | HOLLAND BOARD OF | 12/4/2013 | | , marinar gas | 95 | | | споль сонионяной реаспесся | 0.007 | L-DEMMID I U | LEST FROTOCOL | | V | | | | + |
| *MI-0412 | PUBLIC WORKS - EAST 5TH STREET | 12/4/2013 | Auxiliary Boiler A (EUAUXBOILERA) |) natural gas | 55 | MMBTU/H | One natural gas-fired suxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA within flexible group FGAUXBOILERS). The auxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limited | Good combustion practices | 0.007 | LB/MMBTU | TEST PROTOCOL | | 0 | | | 0 | |
| | | | | | | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- | | | | | | | | | | |
| | | | Commercial/Instituti | | | | up of the combined cycle unit. | | | | | | | | | | |
| | WOODBRIDGE ENERGY | | onal size boilers less | Ι | | | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | ** *** | | | AVERAGE OF | | | | | | |
| NJ-0079 | CENTER HESS NEWARK ENERGY | | than 100 MMBtu/hr Boiler less than 100 | natural gas | 91.6 | MMBtu/hr | LAER. | Use of Natural gas | | LB/H | THREE TESTS AVERAGE OF | | U | | | U | + |
| NJ-0080 | CENTER | | MMBtu/hr BOILERS #1 AND | Natural Gas NATURAL | 51.9 | mmcubic ft/year | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS | use of natural gas a clean fuel | | LB/H | THREE TESTS | | 0 | | + | 0 | + |
| OK-0135 | PRYOR PLANT CHEMICAL | 2/23/2009 | #2 | GAS | 80 | MMBTU/H | PIECES OF EQUIPMENT AT THE FACILITY. | | 0.6 | LB/H | | | 0 | | | 0 | |
| | HICKORY RUN ENERGY | | AUXILIARY | | | l a comuni | | | | , na n = - | | | | 12-MONTH | | | |
| *PA-0291 | STATION | 4/23/2013 | BOILER | Natural Gas | 40 | MMBTU/H | | | 0.005 | LB/MMBTU | + | 1 0 | .46 T/YR | ROLLING TOTA | 4 | 01 | + |
| | BERKS HOLLOW ENERGY | | | | | | | | | | BASED ON 12- MONTH | | | | | | |
| *PA-0296 | ASSOC LLC/ONTELAUNEE KLAUSNER HOLDING USA. | 12/17/2013 | Auxiliary Boiler NATURAL GAS | Natural Gas NATURAL | 40 | MMBtu/hr | | Natural Gas | 0.46 | T/YR | ROLLING TOTAL | | 0 | | 1 | 0 | +' |
| SC-0149 | INC PORT OF BEAUMONT | | BOILER EU006 | GAS | 46 | MMBTU/H | | Natural Gas | 0.005 | LB/MMBTU | 3-HOUR | | 0 | | | 0 | ' |
| | PETROLEUM TRANSLOAD | | Commercial/Instituti onal-Size | 1 | | | | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 40 | MMBtu/hr | Hot oil heater | complete combustion, gaseous fuel | 1.31 | T/YR | | 1 | 0 | 1 | 1 | 0 | |

| | | | | IPRIMARY | | | | | TEMISSION | | IAVG TIME | TEMISSION | | LAVG TIME | ISTANDARAD | | AVGTIME |
|----------|------------------------------|----------------------|----------------------|-------------|------------|-----------------|---|------------------------------------|-----------|----------|-------------------|-----------|------------|--------------|----------------|--|-----------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | | | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | | UNIT | CONDITION | | UNIT | CONDITION | EMISSION LIMIT | | CONDITION |
| | PORT OF BEAUMONT | | Commercial/Instituti | | | | | | | | | | i i | | | | |
| | PETROLEUM TRANSLOAD | | onal-Size | | | | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary | Use of gaseous fuel with efficient | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 95.7 | 7 MMBtu/hr | to reduce viscosity of heavy liquids. | combustion. | 7.49 | T/YR | | | 0 | | | | |
| | PORT OF BEAUMONT | | Commercial/Instituti | | | | | | | | | | | | | | |
| | PETROLEUM TRANSLOAD | | onal-Size | | | | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 13.2 | MMBtu/hr | and heavy liquid storage tanks. | complete combustion. | 4 | T/YR | | | 0 | | | | |
| | CHEYENNE PRAIRIE | | | | | | | | | | 3 HOUR | | | 3 HOUR | | | |
| *WY-0075 | GENERATING STATION | 7/16/2014 | Auxiliary Boiler | natual gas | 25.06 | MMBtu/h | | good combustion practices | 0.0175 | LB/MMBTU | AVERAGE | 0.4 | 4 LB/H | AVERAGE | | | |
| | Footprint Power Salem Harbor | | | | | | | | | | | | | | | | |
| | Development LP | | Auxiliary Boiler | Natural Gas | 80 | MMBtu/hr | | Pipeline quality NG | 0.4 | LB/H | 1-hr average | 0.00 | 5 lb/MMBtu | 1-hr average | | | |
| | CPV Valley Energy Center | | | | | | | | | | | | | | | | |
| | Wawayanda, NY | | Auxiliary Boiler | Natural Gas | | 5 MMBtu/hr | | Low sulfur fuel. | | LB/MMBTU | 1-hr average | | | | | | |
| | Cricket Valley Energy Center | | Auxiliary Boiler | Natural Gas | 48.63 | 3 MMBtu/hr | | | 0.005 | LB/MMBTU | | | | | | | |
| | Pioneer Valley Energy Center | | Auxiliary Boiler | Natural Gas | 21 | MMBtu/hr | | | 0.0048 | LB/MMBTU | | 0. | 1 LB/H | | | | |
| | Hess Newark Energy Center | | Auxilary Boiler | Natural Gas | 66.2 | 2 MMBtu/hr | | Natural Gas | 0.33 | LB/H | 1 time stack test | 0.003 | 5 lb/MMBtu | | | | |
| | Kalama Energy Center | | Auxiliary Boiler | Natural Gas | 36.5 | 5 MMBtu/hr | | | 0.28 | LB/H | 1-hr avg | | | | | | |
| | PacifiCorp's Lake Side Power | | | | | | | | | | | | | | | | |
| 1 | Plant | | Auxiliary Boiler #2 | Natural Gas | 61.2 | MMBTU/hr | | | 0.01 | LB/MMBTU | 3-hr | | | | | | |
| | Sevier Power Company Power | | | | | | | | | | | | | | | | |
| | Plant | | Auxiliary Boiler #2 | Natural Gas | 85 | 5 Mmbtu/hr | | | 0.01 | LB/MMBTU | 3-hr | | | | | | |
| | | | Auxiliary Boilers #1 | | | | | | | | | | | | | | |
| | St. Joseph's Energy Center | | and #2 | Natural Gas | 80 | MMBtu/hr | | | 0.0075 | LB/MMBTU | 3-hr | 0.0 | 6 LB/H | 3-hr | | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 61 | 1 MMBtu/hr | | Natural Gas | 0.005 | lb/MMBtu | | 1.3 | 3 T/YR | | | | |
| | | | | | | | | | | | | | | | | | |
| | MOUNDSVILLE COMBINED | | | 1 | 1 | 1 | | | | | | | | | | | |
| | CYCLE POWER PLANT | 41773 | Auxiliary Boiler | Natural Gas | 100 | MMBtu/hr | | | 0.5 | LB/H | | 0.5 | 5 T/YR | | | | |

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | | | THE OUTCOMESTIC | THROUGHPUT UNIT | The street North | CONTROL METHOD DESCRIPTION | EMISSION | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|--------------------|--|----------------------|---|----------------|-----------------|-----------------|---|--|--|--------------------------|-----------------------|---------------------|----------------|--------------------------|-----------------------------|----------|-----------------------|
| RBLCID | OKEECHOBEE CLEAN | PERMIT ISSUANCE DATE | Auxiliary Boiler, | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNI | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT I | GR. S/100 SCF | CONDITION | LIMIT 2 | UNII | CONDITION | EMISSION LIMIT | UNII | CONDITION |
| FL-0356 | ENERGY CENTER | 3/9/2016 | 99.8 MMBtu/hr | Natural gas | 99. | 8 MMBtu/hr | Fires only natural gas. Limited to 2000 hr/yr. | Use of low-sulfur gas | - | 2 GAS | | | 0 | | | | |
| *FL-0363 | DANIA BEACH ENERGY CENTER | 12/4/201 | 99.8 MMBtu/hr auxiliary boiler | Natural gas | 99. | 8 MMBtu/hr | Fueled only with natural sas. | Clean fuels | 1 . | 0 | | | 0 | | | | |
| | LAKE CHARLES | | Auxiliary Boilers and | | | | Supplement fuel: fuel gas | fuel gases and/or pipeline quality natural | | | | | | | | | |
| LA-0305 | METHANOL FACILITY | 6/30/2016 | Superheaters | Natural Gas | | 0 | Boilers: 225 MM BTU/hr each | gas | | 0 | BASED ON FUEL | | 0 | BASED UPON | | - | |
| MI-0423 | | 1/4/201 | EUAUXBOILER | | | | | Good combustion practices and the use of | l . | | RECEIPT | | 0 GR/MMSCF | FUEL RECEIPT | | | |
| MI-0423 | INDECK NILES, LLC | 1/4/201 | (Auxiliary Boiler) | natural gas | 18 | 2 MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fluel heat input. A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the CTGHRSC train and to provide the required steam to support the startup of the facility, including | pipeline quality natural gas. | 0.0 | 6 LB/MMSCF | RECORDS | 200 | 0 GR/MMSCF | RECORDS | | | 1 |
| | | | EUAUXBOILER | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | | | | |
| *MI-0433 | MEC NORTH, LLC AND MEC SOUTH LLC | 6/29/2011 | (North Plant): Auxiliary Boilder | Natural one | 61 | 5 MMBTU/H | but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices and the use of pipeline quality natural gas. | 1 | 8 LB/MMSCF | MONTHLY | | 6 GR S/100 SCF | FUEL SUPPLIER RECORDS | | | |
| WII*0433 | SOUTHER | 0/29/2010 | | Natural gas | 01. | J MIMID I C/II | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | pipenne quanty natural gas. | 1.0 | o Lisminiaci | MONTHLI | | 0 GK 3/100 3CF | RECORDS | | | |
| | MEC NORTH, LLC AND MEC | | EUAUXBOILER (South Plant): | | | | CTGHRSG train and to provide the required steam to support the startup of the facility, including | | | | | | | FUEL SUPPLIER | | | |
| *MI-0433 | SOUTH LLC PSEG FOSSIL LLC | 6/29/2011 | (South Plant): Auxiliary Boiler | Natural gas | 61. | 5 MMBTU/h | but not limited to steam for sparging, STG seals, etc. The auxiliary boiler is equipped with low NOx burners (LNB) and flue gas recirculation (FGR). | Good combustion practices and the use of pipeline quality natural gas. | 1.1 | 8 LB/MMSCF | MONTHLY | 0 | 6 GR S/100 SCF | RECORDS | | | |
| | PSEG FOSSIL LLC | | | | | | | La constant de la con | | | | | | | | | |
| NI-0084 | SEWAREN GENERATING STATION | 3/10/2016 | Auxiliary Boiler firing natural gas | natural me | 68 | 7 MMCFT/YR | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBtw/hr (HHV) permitted to operate for 8760 hrs/yr. | Use of natural gas a low sulfur fuel | 0.1 | 2 LB/H | | | 0 | | | | |
| | MIDDLESEX ENERGY | | AUXILIARY | matara gas | | | operate for 0/00 ms/yr. | USE OF NATURAL GAS A CLEAN | | | | | | | | | |
| NJ-0085 | CENTER, LLC | 7/19/2010 | BOILER 3 NATURAL GAS- | Natural GAS | 400 | 0 H/YR | | BURNING LOW SULFUR FUEL | 0.12 | 8 LB/H | | | 0 | | | | |
| | | | FIRED BOILERS | | | | | | | | | | | | | | |
| | THYSSENKRUPP STEEL | | WITH ULNB | | | | | | | | | | | | | | |
| AL-0230 | THYSSENKRUPP STEEL AND STAINLESS USA, LLC | 8/17/200 | & EGR (537- | NATURAL GAS | 64 | 9 MMBTU each | THIS PROCESS IS COVERED UNDER 503-0095-X026. | Natural gas | 0.000 | 6 LB/MMBTU | | 0.0 | 4 LB/H | | | | |
| 742-0230 | 71.1D DI711.1LEDD CD7C EEC | 0.17/200 | VACUUM | TOTO COLE CALL | | / Initial Count | THIS TROCKED TO COVERED CHOICE 305-8075-74020. | - vacana gas | 0.000 | O LD MIND C | | | 1.12.11 | | | | |
| AL-0231 | NUCOR DECATUR LLC | 6/12/2000 | DEGASSER | NATURAL GAS | | 5 MMBTU/H | | Natural Gas | 0.000 | 6 LB/MMBTU | | 0.04 | 7 LB/H | | | | |
| | | | PICKLE LINE | | | | | ransam vAID | 3.000 | | | | | 1 | · ' | | 1 |
| AR-0090 | NUCOR STEEL, ARKANSAS | 4/3/2006 | BOILERS, SN-52 | NATURAL GAS | 12. | 6 MMBTU EACH | | | 0. | 1 LB/H | | 0 | 1 T/YR | 1 | 0.000 | LB/MMBTU | |
| | | | TWO 99.8 MMBTU/H GAS- | | | 1 | | | 1 | | | | | | | | |
| | | | FUELED | | | | | | | | | | | | | | |
| FL-0286 | FPL WEST COUNTY ENERGY CENTER | 1/10/200 | AUXILIARY BOILERS | NATURAL GAS | 00 | 8 MMBTU/H | PRODUCE 85,000 LB/HR STEAM EACH | | 1 . | 2 GR S/100 SCF | | | 0 | | | | |
| FL-0280 | ENERGI CENTER | 1710/200 | BOILERS | NATURAL GAS | | 8 MMB10/II | | | | 2 GR 3/100 3CF | | | - | | | | |
| | | | | | | | The four natural gas boilers are used to generate the hot water that is used in the lumber kiln drying process. Two boilers each share a common stack for a total of two stacks. In the initial phase of | | | | | | | | | | |
| | | | Four(4) Natural Gas | | | | construction, two natural gas fired boilers will supply hot water to one block of kilns. As other kiln | | | | | | | | | | |
| | | | Boilers - 46 | | | | blocks are completed, the two other natural gas boilers will be constructed and brought online. | | | | | | | | | | |
| FL-0335 | SUWANNEE MILL | 9/5/2012 | MMBtu/hour TWO (2) | Natural Gas | 4 | 6 MMBTU/H | Finally, the two biomass boilers will be built and brought on line. | Good Combustion Practice | | 2 GR S/100 SCF | | | 0 | | | | |
| | | | NATURAL GAS | | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX | | | | | | | | | | |
| *IN-0158 | ST. JOSEPH ENEGRY CENTER, LLC | | AUXILIARY BOILERS | NATURAL GAS | | 0 MMBTU/H | BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM GENERATING UNIT. | FUEL SPECIFICATIONS | | 2 LB/MMBTU | 3 HOURS | | 6 LB/H | 3 HOURS | | | |
| *IN-0158 | CENTER, LLC | 12/3/201. | BOILERS | NATURAL GAS | 8 | 0 MMB1U/H | GENERATING UNIT. | FUEL SPECIFICATIONS | 0.002. | 2 LB/MMB1U | 1 HR BLOCK | 0.17 | 6 LB/H | 1 HR BLOCK | | | + |
| | | | | | | | | | | | AVG, DOES NOT | | | AVG, DOES NOT | | | |
| *MA-0039 | SALEM HARBOR STATION REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | | 0 MMBtu/hr | | | | 9 PPMVD @ 3% O2 | APPLY DURING | 0.00 | 5 LB/MMBTU | APPLY DURING | | | |
| NIA-0039 | | 1/30/2019 | | Natural Gas | | O MINIDIDII | NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER | | 0. | 9 FF SI V D (0) 3 / 0 O2 | 33 | 0.00 | J LESMINIST C | 33 | | | |
| | WILDCAT POINT | | AUXILLARY | | | a la marrier | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | EXCLUSIVE USE OF PIPELINE | | | 3-HOUR BLOCK | | | | | | |
| *MD-0042 | GENERATION FACILITY | 4/8/2014 | BOILER | NATURAL GAS | 4 | 5 MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD The suxiliary boiler will have a maximum rated heat capacity of 91.6 MMBtu/h and will be limited. | QUALITY NATURAL GAS | 0.000 | 6 LB/MMBTU | AVERAGE | | 0 | | | | + |
| | | | | | | | to natural gas firing only. It will be operated for the purposes of supplying steam during the start- | | | | | | | | | | |
| | | | Commercial/Instituti | | | | up of the combined cycle unit. | | | | | | | | | | |
| | WOODBRIDGE ENERGY | | onal size boilers less | | | | The auxiliaryboiler will be equipped with Dry Low-NOx Burners to comply with BACT and | | | | AVERAGE OF | | | | | | |
| NJ-0079 | CENTER HESS NEWARK ENERGY | 7/25/2012 | than 100 MMBtu/hr Boiler less than 100 | natural gas | 200 | 0 hours/year | LAER. | Use of natural gas | 0.163 | 2 LB/H | THREE TESTS | | 0 | | | | |
| NJ-0080 | CENTER | 11/1/2012 | MMBtu/hr | Natural Gas | 66. | 2 MMBtu/hr | | use of natural gas a clean fuel and a low sulfur fuel | 0.00 | 6 LB/H | | | 0 | | | | |
| | | | | | | | THE BACT DETERMINATIONS REPORTED HERIN ARE SPECIFICALLY FOR THE | | | | | | | | | | |
| | | | | | | | TWO HURST BOILERS INSTALLED AT CAESAR'S PALACE, EACH OF THEM HAS A | | | | | | | | | | |
| | | | | | | | RATED HEAT INPUT OF 35.4 MMBTU/HR. THE PERMITTING ACTION ALSO | | | | | | | | | | |
| | | | | | | | APPROVED THE INSTALLATION OF A NUMBER OF SMALL BOILERS, ALL OF WHICH HAVE A RATED HEAT INPUT BELOW THE THRESHOLD OF INSTITUTIONAL SIZE. | | | | | | | | | | |
| | | | | | | | NATURAL GAS IS THE ONLY FUEL USED FOR ALL BOILERS FOR THIS FACILITY. | | | | | | | | | | |
| | HARRAHS OPERATING | | COMMERCIAL/IN | | | | THE TOTAL INCREASE OF RATED HEAT INPUT FOR ALL THE NEW BOILERS IS 100.3 MMBTU/HR. THE TWO NEW HURST BOILERS HAVE THE COMBINED RATED HEAT | USE OF NATURAL GAS AS THE | | | | | | | | | |
| NV-0044 | COMPANY, INC. | 1/4/2001 | SITTUTIONAL- | NATURAL GAS | 35 | 4 MMBTU/H | INPUT OF 70 8 MMRTIJ/HR ACCOUNTING FOR 70% OF THE TOTAL INCREASE | ONLY FUEL | 0.00 | I I B/MMRTU | | 0.0 | 4 I B/H | | 0.00 | LR/MMRTU | |
| | | | BOILERS/HEATER | | | | THE FACILITY HAS 125 REGULATED UNITS AND 142 EXEMPT UNITS. UNIT RB013 | | | | | | | | | | |
| NV-0047 | NELLIS AIR FORCE BASE | 2/26/2000 | S - NATURAL GAS FIRED | NATURAL GAS | _ | 5 MMBtu/hr | (RITE BOILER, 6.5 MMBTU/HR) IS SELECTED TO SHOW THE BACT DETERMINATIONS. | USE OF PIPELINE-QUALITY NATURAL GAS | 0.001 | 5 LB/MMBTU | | 0.0 | 1 LB/H | 1 | 0.001: | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | UNIT FL01 IS A JOHNSTON BOILER AT FLAMINGO LAS VEGAS. THIS UNIT MAY | | | | | | | | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | FL01 | NATURAL GAS | 14.3 | 4 MMBTU/H | OPERATE 8,760 HOURS PER YEAR. UNIT BA01 IS A KEWANEE BOILER AT BALLY'S LAS VEGAS. UNIT BA01 IS | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 LB/MMBTU | | 0.009 | 1 LB/H | + | 0.000 | LB/MMBTU | 1 |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | IDENTICAL TO UNIT BA02. THE TWO BOILERS ARE SUBJECT TO THE ANNUAL | | 1 | | | | | 1 | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | BA01 | NATURAL GAS | 16. | 8 MMBTU/H | LIMIT OF COMBINED TOTAL OPERATING TIME FOR 10,900 HOURS PER YEAR. | FUEL IS LIMITED TO NATURAL GAS | 0.004 | 2 LB/MMBTU | | 0.0 | 1 LB/H | | 0.004 | LB/MMBTU | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT | NATURAL GAS | 21 2 | 8 MMBTU/H | UNIT BA03 IS A KIWANEE BOLER AT BALLY'S LAS VEGAS. THE ANNUAL OPERATING TIME IS LIMITED TO 2.920 HOURS PER YEAR. | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 I B/MMRTU | | 0.0 | 2 LB/H | 1 | 0.000 | LR/MMRTU | |
| | | 3/20/2009 | | UNI UNI | 31.3 | | | | 3.000 | | | 0.0 | | | 0.000 | | 1 |
| | HARRAH'S OPERATING | | BOILER - UNIT | 1 | 1 | | UNIT CPOLIS A HURST BOILER AT CAESAR'S PALACE. UNIT CPOLIS IDENTICAL TO | | 1 | | | | | 1 | | | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT CP01 | NATURAL GAS | 35. | 4 MMBTU/H | UNIT CP02. UNITS CP01 THROUGH CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 LB/MMBTU | | 0.0 | 2 LB/H | 1 | 0.000 | LB/MMBTU | |
| | | | | | | | UNIT CP03 IS A BURNHAM BOILER AT CAESAR'S PALACE. UNITS CP01 THROUGH | | | | | | | | | | |
| NV-0049 | HARRAH'S OPERATING COMPANY, INC. | 8/20/2009 | BOILER - UNIT CP03 | NATURAL GAS | 33.4 | 8 MMBTU/H | CP05 (FIVE BOILERS) ARE SUBJECT TO THE ANNUAL LIMIT OF TOTAL OPERATING TIME FOR 33,520 HOURS PER YEAR. | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 LB/MMBTU | | 0.0 | 2 LB/H | 1 | 0.000 | LB/MMBTU | |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | | UNIT CP26 IS A UNILUX BOILER AT CAESAR'S PALACE. THE UNIT IS ALLOWED TO | | | | | | | | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | CP26 | NATURAL GAS | 2 | 4 MMBTU/H | OPERATE UP TO 8,760 HOURS PER YEAR. UNIT IP04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT IP04 IS IDENTICAL | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 LB/MMBTU | | 0.0 | 1 LB/H | + | 0.000 | LB/MMBTU | + |
| | HARRAH'S OPERATING | | BOILER - UNIT | | | 1 | UNIT IP04 IS A KEWANEE BOILER AT IMPERIAL PALACE. UNIT IP04 IS IDENTICAL TO UNIT IP05. EITHER BOILER IS ALLOWED TO OPERATE UP TO 8,760 HOURS PER | | 1 | | | | | | | | |
| NV-0049 | COMPANY, INC. | 8/20/2009 | | NATURAL GAS | 16. | 7 MMBTU/H | YEAR. | FUEL IS LIMITED TO NATURAL GAS | 0.000 | 6 LB/MMBTU | | 0.0 | 1 LB/H | | 0.000 | LB/MMBTU | 1 |
| | | | BOILERS - UNITS | | | | THE THREE UNITS ARE IDENTICAL NEBRASKA BOILERS. EACH OF WHICH IS | | | | | | | | | | |
| | | | CC001, CC002, | | | | RATED AT 41.64 MMBTU/HR. EACH UNIT IS ALLOWED TO OPERATE 24 HOURS/DAY | | 1 | | | | | 1 | | | |
| | | | AND CC003 AT | | 1 | La marra | AND UP TO 5,800 HOURS/ YEAR. THE EMISSION LIMITS REPORTED HEREIN ARE | LIMITING THE FUEL TO NATURAL | 1 | | | | | 1 | | 10005 | |
| NV-0050 | MGM MIRAGE | 11/30/2009 | CITY CENTER BOILERS - UNITS | NATURAL GAS | 41.6 | 4 MMBTU/H | BASED ON THE ATC PERMIT FOR MODIFICATION #8 DATED MARCH 30, 2006. THE THREE UNITS ARE IDENTICAL CATERPILLAR BOILERS, EACH RATED AT 44 | GAS ONLY. | 0.000 | 7 LB/MMBTU | | 0.5 | 2 LB/D | 1 | 0.000 | LB/MMBTU | + |
| | İ | | CC026, CC027 AND | | 1 | | MMBTU/HR. EACH UNIT IS SUBJECT TO THE ANNUAL LIMIT OF OPERATING TIME | | 1 | | | | | 1 | | | |
| | | 1 | CC028 AT CITY | 1 | 1 | 1 | TO 5,800 HOURS. THE EMISSION LIMITS ARE BASED ON THE ATC PERMIT FOR | LIMITING THE FUEL TO NATURAL | 1 | 1 | I | 1 | 1 | 1 | 1 | | |
| NTV 0050 | MCMATRACE | 1100000 | | NIATURAL COS | | ANDTHU | | CACONTY | 0.000 | | | | | | | | |
| NV-0050 NY-0095 | MGM MIRAGE CAITHNES BELLPORT | 11/30/2009 | CENTER AUXILIARY BOILER | NATURAL GAS | | 4 MMBTU/H | MODIFICATION #13 DATED NOVEMBER 30, 2009. 4800 H/YR | GAS ONLY LOW SULFUR FUEL | | 5 LB/MMBTU | | 0.0 | 3 LB/H | | 0.000 | LB/MMBTU | |

| | | 1 | | | | | | | TEMISSION | | AVGTIME | IEMISSION | | AVGTIME | ISTANDARAD | | IAVG TIME |
|---------------------|--|----------------------|--|--------------|------------|--------------------------|---|------------------------------------|-----------|---------------------|------------------------|-----------|------------------|-----------------|----------------|----------|-----------|
| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEL | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | | UNIT | CONDITION | LIMIT 2 | UNIT | CONDITION | EMISSION LIMIT | UNIT | CONDITION |
| | | | | | | | TWO BOILERS WITH LOW NOX BURNERS AND FLUE GAS RECIRCULATION. WITH | | | | | | | | | | |
| | | | | | | | #2 OIL BACKUP | | | | | | | | | | |
| | TOLEDO SUPPLIER PARK- PAINT SHOP | | BOILER (2), NATURAL GAS | NATURAL GAS | | | TWO SET OF LIMITS. THIS ONE FOR NATURAL GAS | | | 1 LB/H | | | | | | LB/MMBTU | |
| OH-0309 *OH-0350 | REPUBLIC STEEL | | Steam Boiler | Natural Gas | 20. | .4 MMBTU/H i5 MMBtu/H | Natural Gas-fired stam boiler to vacuum tank degasser | Natural Gas | | 7 LB/H | _ | | 4 T/YR 6 T/YR | | 0.0006 | LB/MMB1U | - |
| O11-0330 | REPOBLIC STEEL | //10/2012 | AUXILIARY | Natural Gas | | O MIMIDIUM | Natural Gas-fried staff borier to vacuum tafik degasser | Ivaturai Gas | 0.03 | / 1.15/11 | | 0.1 | 0 1/1K | | 0 | | + |
| OK-0129 | CHOUTEAU POWER PLANT | 1/23/2009 | BOILER | NATURAL GAS | 33. | .5 MMBTU/H | | LOW SULFUR FUEL | 0.0 | 3 LB/H | | 0.0009 | 0 LB/MMBTU | | 0 | | |
| | | | BOILERS #1 AND | | | | THE BOILERS WILL PROVIDE THE STEAM NEEDED TO OPERATE THE VARIOUS | | | | | | | | | | |
| OK-0135 | PRYOR PLANT CHEMICAL | 2/23/2009 | #2 | NATURAL GAS | 8 | MMBTU/H | PIECES OF EQUIPMENT AT THE FACILITY. | | 0. | 2 LB/H | | 0. | 2 LB/MMBTU | STATE LIMIT | 0 | | |
| | HICKORY RUN ENERGY | | AUXILIARY | | | | | | | | | | | 12-MONTH | | | |
| *PA-0291 | STATION | 4/23/2013 | BOILER | Natural Gas | 4 | 0 MMBTU/H | | | 0.002 | 1 LB/MMBTU | | 0.1 | 9 | ROLLING TOTAL | . 0 | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | BASED ON 12- | | | | | | |
| *PA-0296 | BERKS HOLLOW ENERGY ASSOC LLC/ONTELAUNEE | 12/17/2012 | Auxiliary Boiler | Natural Gas | l . | 0 MMBtu/hr | | Natural Gas | | 9 T/YR | MONTH ROLLING TOTAL | | | | | | |
| *PA-0296 | ASSOC LEC/ONTELAUNEE | 12/1//2013 | Auxiliary Boller | Naturai Gas | * | MMDW/II | | Naturai Cas | 0.1 | 9 1/1 K | ROLLING TOTAL | 1 | 0 | _ | - 0 | | + |
| | | | VACUUM | | | | | NATURAL GAS COMBUSTION WITH | | | | | | | | | |
| | | | DEGASSER | | | | | GOOD COMBUSTION PRACTICES | | | | | | | | | |
| SC-0112 | NUCOR STEEL - BERKELEY PORT OF BEAUMONT | 5/5/2008 | BOILER Commercial/Instituti | NATURAL GAS | 50.2 | 1 MMBTU/H | | PER MANUFACTURER'S GUIDANCE | 0.000 | 6 LB/MMBTU | | | 0 | | 0.0006 | LB/MMBTU | |
| | PETROLEUM TRANSLOAD | | onal-Size | | | | | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 4 | 0 MMBtu/hr | Hot oil heater | complete combustion. | | 5 GR S/100 SCF | | | 0 | | 0 | | |
| | PORT OF BEAUMONT | | Commercial/Instituti | | | | | | | | | | | | | | |
| | PETROLEUM TRANSLOAD | | onal-Size | | | | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary | | r | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces Commercial/Instituti | natural gas | 95. | .7 MMBtu/hr | to reduce viscosity of heavy liquids. | equal to 5 grains/100 dscf. | | 5 GR S/100 SCF | | | 0 | | 0 | | |
| | PORT OF BEAUMONT PETROLEUM TRANSLOAD | | onal-Size | | | | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers | Good combustion practice to ensure | | | | | | | | | |
| *TX-0772 | TERMINAL (PBPTT) | 11/6/2015 | Boilers/Furnaces | natural gas | 13 | 2 MMBtu/hr | and heavy liquid storage tanks. | complete combustion. | | 5 GR S/100 SCF | | | 0 | | 0 | | |
| | Footprint Power Salem Harbor | | | | | | | | | | | | | | | | |
| | Development LP | | Auxiliary Boiler | Natural Gas | 8 | 0 MMBtu/hr | | Pipeline quality NG | 0.1 | 2 LB/H | 1-hr average | 0.001 | 5 lb/MMBtu | 1-hr average | | | |
| | Footprint Power Salem Harbor Development LP | | Auxiliary Boiler | Natural Gas | | 80 MMBtu/hr | | Pipeline quality NG | | PPMVD @ 15% 9 O2 | 1-hr average | | | | | | |
| - | CPV Valley Energy Center | | Auxinary Boner | Naturai Gas | | 90 MMBIU/III | | Pipeline quality NG | 0. | 9 02 | 1-nr average | | | _ | | | + |
| | Wawayanda, NY | | Auxiliary Boiler | Natural Gas | 73. | .5 MMBtu/hr | | Low sulfur fuel. | 0.002 | 2 LB/MMBTU | 1-hr average | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 10 | 06 MMBTU/hr | | | 0.00 | 3 LB/MMBTU | 12 month-period | 0. | 3 LB/H | 12 month-period | | | |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | | 06 MMBTU/hr | | | | 6 T/YR | | | | | | | |
| - | SUNBURT GENERATION LP | | Auxinary Boner | Naturai Gas | 10 | 0 MMB1U/III | | | 0. | 0 1/1 K | | | | _ | | | + |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 1 | 5 MMBTU/hr | | | 0.00 | 3 LB/MMBTU | 12 month-period | 0.0 | 4 LB/H | 12 month-period | | | |
| | | | | | | | | | | | · · | | | | | | |
| | SUNBURY GENERATION LP | | Auxiliary Boiler | Natural Gas | 1 | 5 MMBTU/hr | | | 0.1 | 7 T/YR | | | | | | | |
| | LAWRENCE ENERGY CENTER LLC | | A | N | | 99 MMBTU/hr | | | 0.000 | 7 LB/MMBTU | | | 6 LB/H | 12 | | | |
| — | PA STATE UNIV/UNIV PARK | | Auxiliary Boiler | Natural Gas | + ' | MINID I U/III | | + | 0.005 | LD/MMD1U | 1 | 0.5 | U La/II | 12 month-period | | | + |
| 1 | CAMPUS | | WCSP Boiler 1 | Natural Gas | 140.19 | 6 MCF/hr | | 1 | | 4 LB/H | 1 | | | | | | 1 |
| | PA STATE UNIV/UNIV PARK | | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |
| | CAMPUS | | WCSP Boiler 2 | Natural Gas | 140.19 | 6 MCF/hr | | | | 4 LB/H | | | | | | | |
| | PA STATE UNIV/UNIV PARK CAMPUS | 1 | WCSP Boiler 5 | Natural Gas | // 12 | 76 MCF/hr | | 1 | | 4 LB/H | 1 | | | | | | 1 |
| — | PA STATE UNIV/UNIV PARK | | wear noners | ivacurai Gas | 66.17 | O MCT/BF | | + | - | 1.15/11 | + | 1 | 1 | + | | | + |
| | CAMPUS | | WCSP Boiler 6 | Natural Gas | 151.9 | 06 MCF/hr | | 1 | | 4 LB/H | 1 | | | | | | 1 |
| | PA STATE UNIV/UNIV PARK | | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |
| | CAMPUS | | WCSP Boiler 8 | Natural Gas | 151.9 | 6 MCF/hr | | | | 4 LB/H | | | | | | | |
| | PA STATE UNIV/UNIV PARK CAMPUS | 1 | ECSP Boiler 1 | Natural Gas | 127.4 | 15 MCF/hr | | 1 | | 4 LB/H | 1 | | | | | | 1 |
| — | PA STATE UNIV/UNIV PARK | + | LACOP BOHEF I | ivacurai Gas | 127.4 | O MCF/BF | | + | | TLD/II | | 1 | | + | + | | + |
| | CAMPUS | | ECSP Boiler 2 | Natural Gas | 127.4 | 15 MCF/hr | | | | 4 LB/H | | | | | | | 1 |
| | | | Auxiliary Boilers #1 | | | | | | | | | | | | | | 1 |
| | St. Joseph's Energy Center | | and #4 | Natural Gas | | 2 MMBtu/hr | | | | 2 LB/MMBTU | 3-hr | 0.17 | 6 LB/H | 3-hr | | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | 6 | 51 MMBtu/hr | | | 0. | 4 T/YR | | | | | | | |
| | MOUNDSVILLE COMBINED | | | | | | | | | | | | | | | | 1 |
| | CYCLE POWER PLANT | | Auxiliary Boiler | Natural Gas | 10 | 00 MMBtu/hr | | 1 | 0.0 | 6 LB/H | 1 | 0.0 | 6 T/YR | | | | 1 |
| | | 417/3 | I | 1 | 1 | | 1 | 1 | 1 0.0 | | 1 | 0.0 | | | 1 | | |

Table D-B-8 Sulfuric Acid Mist (H₂SO₄) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| RBLCID | FACILITY NAME | PERMIT ISSUANCE DATE | PROCESS NAME | PRIMARY FUEI | THROUGHPUT | THROUGHPUT UNIT | PROCESS NOTES | CONTROL METHOD DESCRIPTION | EMISSION LIMIT 1 | UNIT | AVG TIME CONDITION | EMISSION LIMIT 2 | UNIT | AVG TIME CONDITION | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|-----------|--------------------------------|----------------------|--------------------|---------------|------------|-----------------|--|--|---------------------|-----------------|----------------------------|---------------------|----------------|-----------------------|-----------------------------|----------|-----------------------|
| | DANIA BEACH ENERGY | | 99.8 MMBtu/hr | | | | | | | | | | | | | | Т |
| L-0363 | CENTER | 12/4/2017 | auxiliary boiler | Natural gas | 99. | 8 MMBtu/hr | Fueled only with natural gas. | Clean fuels | | 2 GR S/100 SCF | | | 0 | | (| | |
| | BELLE RIVER COMBINED | | EUAUXBOILER: | | | | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the | | | | FUEL SUPPLIER | | | | | | |
| MI-0435 | CYCLE POWER PLANT | 7/16/2018 | Auxiliary Boiler | Natural gas | 99. | 9 MMBTU/H | CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | | 0.3 | 4 GR S/100 SCF | RECORDS | | 0 | | (| | |
| | PSEG FOSSIL LLC | | Auxiliary Boiler | | | | Maximum heat input rate for natural gas fired auxiliary boiler is 80 MMBtu/hr (HHV) permitted to | | | | | | | | | | |
| J-0084 | SEWAREN GENERATING | 3/10/2016 | firing natural gas | natural gas | 68 | 7 MMCFT/YR | operate for 8760 hrs/yr. | Use of natural gas a low sulfur fuel | 0.0 | 2 LB/H | | | 0 | | (| | |
| | MIDDLESEX ENERGY | | AUXILIARY | | **** | | | USE OF NATURAL GAS A CLEAN | l | | | | | | | | |
| J-0085 | CENTER, LLC | | BOILER | Natural GAS | 400 | 0 H/YR | | BURNING AND LOW SULFUR FUEL | 0.0 | 1 LB/H | _ | | 0 | | | | |
| ** *** | CRICKET VALLEY ENERGY | | | 1 | | . Lammur | Limited to 4,500 H/YR | natural gas with maximum sulfur content | l . | | | | | | | | |
| Y-0103 | CENTER | 2/3/2016 | Auxiliary boiler | natural gas | | 0 MMBTU/H | Limited to 4,500 H/YR | 0.4 grains/100 dscf | 1. | 1 10-4 LB/MMBTU | I H | | 0 | 10.1502.0007 | , | | |
| | CPV FAIRVIEW ENERGY | | | | | 4 MMBtu/hr | | ream a constant | | . The General | AVG OF 3 1-HR TEST RUNS | | | 12-MONTH | | | |
| PA-0310 | CENTER | 9/2/2018 | Auxilary boiler | Natural Gas | 92. | 4 MMBtu/hr | Operation of the auxiliary boiler shall not exceed 4000 hrs in any continuous 12-month period. | ULSD and good combustion practices | 0.001 | 1 LB/MMBTU | TEST RUNS | - | 0 TPY | ROLLING BASIS | | - | |
| WV-0029 | HARRISON COUNTY POWER PLANT | | | | | | | | | 2 LB/HR | | | 3 TONS/YEAR | | 0.000 | LR/MMRTU | |
| W V -0029 | POWER PLANT | 3/2//2018 | Auxiliary Boiler | Natural Gas | 11. | 8 mmBtu/hr | Annual emission based on 4600 hours/year. | Use of Natural Gas | 0.013 | Z LB/HR | AVERAGE OF 3 | 0.0 | 3 TONS/YEAR | | 0.0002 | LB/MMB1U | |
| | MARSHALLTOWN | | 1 | 1 | | | | Use of natural gas, limit of 288.7 MMSCF | 1 | 1 | ONE-HOUR TEST | - | | 1 | 1 | 1 | 1 |
| IA-0107 | GENERATING STATION | 4/14/2014 | auxiliary boiler | natural gas | 40 | 1 mmBtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | of NG per year | 0.005 | S I R/H | RUNS | | 0 | | | | |
| 174-0107 | GENERATING STATION | 4/14/2014 | auxinary boner | Haturar gas | 00. | 1 IIIIIIIBIWIII | ruer minit of 288.7 minitori cubic reet of natural gas per 12-month forming period | of two per year | 0.00. | O LINII | 1 HR BLOCK | | 0 | 1 HR BLOCK | · · | | + |
| | | | | | | | | | | | AVG. DOES NOT | | | AVG. DOES NOT | | | |
| | SALEM HARBOR STATION | | | | | | | | | | APPLY DURING | | | APPLY DURING | | | |
| MA-0039 | REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | 8 | 0 MMBtu/hr | | | 0.000 | 9 LB/MMBTU | SS | 0.3 | 5 PPMVD @ 3% O | | | | |
| | | | , | | | | | LOW SULFUR NATURAL GAS WITH | | | | | | | | | |
| | | | | | | | | A SULFUR CONTENT OF 2.0 GR/100 | | | | | | | | | |
| | | | | | | | | SCF ON A SHORT-TERM BASIS AND | | | | | | | | | |
| | | | | | | | | 0.3 GR/100 SCF ON AN ANNUAL | | | | | | | | | |
| ID-0040 | CPV ST CHARLES | 11/12/2008 | BOILER | NATURAL GAS | 9 | 3 MMBTU/H | AUXILIARY BOILER | BASIS | 0.000 | 1 LB/MMBTU | 3-HR AVERAGE | | 0 | | (| | |
| | | | | | | | NATURAL GAS FUEL ONLY, OPERATION OF ULTRA LOW-NOX BURNER | | | | | | | | | | |
| | WILDCAT POINT | | AUXILLARY | | | | TECHNOLOGY, GOOD COMBUSTION PRACTICES, MAX HEAT INPUT OF 90,000 | EXCLUSIVE USE OF PIPELINE | | | 3-HOUR BLOCK | | | | | | |
| MD-0042 | GENERATION FACILITY | 4/8/2014 | BOILER | NATURAL GAS | 4 | 5 MMBTU/H | MMBUT/HR PER 12-MONTH ROLLING PERIOD | QUALITY NATURAL GAS | 0.00 | 4 LB/MMBTU | AVERAGE | | 0 | | (| | |
| | | | | | | | | | | | | | | l | | | |
| | OREGON CLEAN ENERGY | | | | | | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, burning only | | | | | | | PER ROLLING 1: | | | |
| OH-0352 | CENTER | 6/18/2013 | Auxillary Boiler | Natural Gas | 9 | 9 MMBtu/H | natural gas. Boiler restricted to 2000 hours of operation per rolling 12-months. | only burning natural gas 0.5 GR/100 SCF | 0.01 | 1 LB/H | _ | 0.01 | 1 T/YR | MONTHS | 0.000 | LB/MMBTU | + |
| | HICKORY RUN ENERGY | 1 | AUXILIARY | | | | | | | | | | | 12-MONTH | | | |
| PA-0291 | STATION | 4/23/2013 | BOILER | Natural Gas | | 0 MMBTU/H | | | 0.000 | S LR/MMRTU | | 0.0 | M T/YR | ROLLING TOTA | | | |
| F/N=0291 | STATION | 4/23/2013 | BOILER | Natural Gas | , | O MINIDI C/II | | | 0.000 | O LISMINIDI O | | 0.0 | PILITE | ROLLING TOTA | | | + |
| | | | | | | | | | | | BASED ON 12- | | | | | | |
| | BERKS HOLLOW ENERGY | | | | | | | | | | MONTH | | | | | | |
| PA-0296 | ASSOC LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | 4 | 0 MMBtu/hr | | | 0.0 | 4 T/YR | ROLLING TOTAL | J | o | | | 1 | |
| | Footprint Power Salem Harbor | | | | | | | | 1 | | | | | | | | 1 |
| | Development LP | 1 | Auxiliary Boiler | Natural Gas | 8 | 0 MMBtu/hr | | Pipeline quality NG | 0.07 | 2 LB/H | 1-hr average | 0.000 | 9 lb/MMBtu | 1-hr average | | 1 | |
| | Footprint Power Salem Harbor | | | | | | | | | PPMVD @ 15% | | | | | | | |
| | Development LP | | Auxiliary Boiler | Natural Gas | 8 | 0 MMBtu/hr | | Pipeline quality NG | 0.3 | 5 02 | 1-hr average | | | | | | |
| | CPV Valley Energy Center | | | | | | | | | | | | | | | | |
| | Wawayanda, NY | 1 | Auxiliary Boiler | Natural Gas | 73. | 5 MMBtu/hr | | Low sulfur fuel. | | 2 LB/MMBTU | 1-hr average | | | | | | $\overline{}$ |
| | Hess Newark Energy Center | | Auxilary Boiler | Natural Gas | | 2 MMBtu/hr | | | | 6 LB/H | | | 1 | | | | + |
| | Woodbridge Energy Center | | Auxiliary Boiler | Natural Gas | 91. | 6 MMBtu/H | | Use of natural gas | 0.0001 | 4 LB/MMBTU | | 0.01 | 2 LB/H | | - | | + |
| | | | J | l | | | | Use of natural gas with sulfur content | | | | | | | | | |
| | York Energy Center Block 2 | 42170 | Auxiliary Boiler | Natural Gas | - 6 | 1 MMBtu/hr | | limited to 0.5 gr/ 100 dscf | 0.00004 | 6 lb/MMBtu | + | 0.012 | 22 T/YR | | | - | + |
| | MOUNDSVILLE COMBINED | , l | 1 | 1 | | | | 1 | 1 | 1 | | | | 1 | 1 | 1 | |
| | CYCLE POWER PLANT | | Auxiliary Boiler | Natural Gas | 10 | 0 MMBtu/hr | | 1 | 0.0 | 1 LB/H | | 0.0 | 1 T/YR | 1 | 1 | 1 | |
| | CTCLE FOWER PLANT | 417/3 | Auxinary Boller | producing Gas | 10 | Olatanam | | 1 | 1 0.0 | TED/II | | 1 0.0 | n prik | | 1 | | |

Table D-B-9 Greenhouse Gases (GHG) RBLC Search - Auxiliary Boiler Invenergy, LLC - Allegheny County Energy Center Project

| RRLCID | FACILITY NAME | PERMIT ISSUANCE DATE | DDOCESS NAME | DDIMADV FUEL | THROUGHBUT | THROUGHPUT UNIT | BDOCEC NOTES | CONTROL METHOD DESCRIPTION | EMISSION | UNIT | AVGTIME | EMISSION LIMIT 2 | UNIT | AVGTIME | STANDARAD EMISSION LIMIT | UNIT | AVG TIME CONDITION |
|----------|--|----------------------|--|----------------------------|---|--------------------------|--|--|--|----------------------|------------------------------|--|-----------------------|--------------------|-----------------------------|--|-----------------------|
| RBLCID | OKEECHOBEE CLEAN | PERMIT ISSUANCE DATE | Auxiliary Boiler, | PRIMARY FUEL | | | PROCESS NOTES | CONTROL METHOD DESCRIPTION | LIMIT | UNII | CONDITION | LIMIT 2 | UNII | CONDITION | EMISSION LIMIT | UNII | CONDITION |
| FL-0356 | ENERGY CENTER | 3/9/2016 | 99.8 MMBtu/hr | Natural gas | 99 | .8 MMBtu/hr | Fires only natural gas. Limited to 2000 hr/yr. | Use of natural gas only | | 0 | | - | 0 | | (|) | |
| IN-0263 | MIDWEST FERTILIZER COMPANY LLC | 03/23/2017 ACT | NATURAL GAS AUXILIARY | NATURAL GAS | 218 | .6 MMBTU/H | | GOOD COMBUSTION PRACTICES AT ALL TIMES THE BOILERS ARE IN | 59.6 | TON/MMCF 1 EACH | 3 HOUR AVERAGE | 1877.3 | MMCF/12 MONTH EACH | ROLLING AVERAGE | | 0 | |
| | LAKE CHARLES | | Auxiliary Boilers and | | | | Supplement fuel: fuel gas | good equipment design and good | | | | | | | | | \top |
| LA-0305 | METHANOL FACILITY | 6/30/2016 | Superheaters | Natural Gas | | 0 | Boilers: 225 MM BTU/hr each | combustion practices good combustion/operating/maintenance | ' | 0 | | <u> </u> | 0 | - | (| 4 | + |
| LA-0307 | MAGNOLIA LNG FACILITY | 3/21/2016 | Auxiliary boilers | natural gas | 17 | 71 mm btu/hr | | practices and fueled by natural gas | | 0 | | | 0 | | (| 3 | |
| MI-0420 | DTE GAS COMPANY MILFORD COMPRESSOR | 6/3/2016 | FGAUXBOILERS | Natural gas | | 6 MMBTU/H | Two natural gas-fired auxiliary boilers, each rated at 6 MMBTU/H fuel heat input. The boilers are identified as EUAUXBOIL2 and EUAUXBOIL3 within the flexible group FGAUXBOILERS. | Use of pipeline quality natural gas and energy efficiency measures. | 615 | S T/YR | 12-MO ROLLING TIME PERIOD | Ι. | 0 | | | 0 | |
| | | | EUAUXBOILER | | | | | Energy efficiency measures and the use of | | | 12-MO ROLLING | | | | | | |
| MI-0423 | INDECK NILES, LLC HOLLAND BOARD OF | 1/4/2017 | (Auxiliary Boiler) EUAUXBOILER | natural gas | 18 | 2 MMBTU/H | One natural gas-fired auxiliary boiler rated at 182 MMBTU/H fuel heat input. | a low carbon fuel (pipeline quality natural | 9334 | 6 T/YR | TIME PERIOD 12-MO ROLLING | - | 0 | | (| 4 | |
| MI-0424 | PUBLIC WORKS - EAST 5TH | 12/5/2016 | (Auxiliary boiler) | natural gas | 83 | .5 MMBTU/H | One natural gas fired auxiliary boiler rated at 83.5 MMBTU/hr fuel heat input (EUAUXBOILER). | Good combustion practices. | 4328 | 3 T/YR | TIME PERIOD | | 0 | | (| 3 | |
| MI-0426 | DTE GAS COMPANY - MILFORD COMPRESSOR | 3/24/2017 | FGAUXBOILERS (6 auxiliary boilers | Natural gas | | 3 MMBTU/H | Four natural gas-fired auxiliary boilers, each rated at 3 MMBTU/H fuel heat input (EUAUXBOIL2A, EUAUXBOIL3A, EUAUXBOIL2B and EUAUXBOIL3B in | Use of pipeline quality natural gas and energy efficiency measures. | 732 | 4 T/YR | COMBINED FOR ALL BOILERS | Ι. | 0 | | | 0 | |
| | MEC NORTH, LLC AND MEC | | EUAUXBOILER | | | | A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | Energy efficiency measures and the use of | | | 12-MO ROLLING | | | | , | | |
| *MI-0433 | SOUTH LLC MEC NORTH LLC AND MEC | 6/29/2018 | (North Plant): EUAUXBOILER | Natural gas | 61 | 5 MMBTU/H | CTGHRSG train and to provide the required steam to support the startup of the facility, including A natural gas-fired auxiliary boiler, rated at 61.5 MMBTU/H (HHV) to facilitate startup of the | a low carbon fuel (pipeline quality natural Energy efficiency measures and the use of | 3154 | 0 T/YR | TIME PERIOD 12-MO ROLLING | - | 0 | _ | (| - | + |
| *MI-0433 | SOUTH LLC | 6/29/2018 | (South Plant): | Natural gas | 61 | 5 MMBTU/h | CTGHRSG train and to provide the required steam to support the startup of the facility, including | a low carbon fuel (pipeline quality natural | 3154 | 0 T/YR | TIME PERIOD | | 0 | | (| 3 | |
| *MI-0435 | BELLE RIVER COMBINED CYCLE POWER PLANT | 7/16/2018 | EUAUXBOILER: Auxiliary Boiler | Natural gas | 99 | 9 MMBTU/H | A natural gas-fired auxiliary boiler, rated at 99.9 MMBTU/H to facilitate startup of the CTG/HRSG trains and to provide steam to the steam turbine generator seals. The auxiliary boiler | Energy efficiency measures, use of natural | 2562 | 3 T/YR | 12-MO ROLLING TIME PERIOD | Ι. | 0 | | | 0 | |
| | CRICKET VALLEY ENERGY | | | | | | | good combustion practiced and pipeline | | | | | | | | | _ |
| NY-0103 | CENTER ODESSA PETROCHEMICAL | 2/3/2016 | Auxiliary boiler | natural gas | | 60 MMBTU/H | Limited to 4,500 H/YR | quality natural gas Minimum thermal design efficiency of 75 | 119 | 9 LB/MMBTU | 12 MO | | 0 | | (| 4 | + |
| TX-0813 | PLANT | 11/22/2016 | Boilers | natural gas | 22 | 3 MMBTU/H | 2 boilers | percent | 6379 | 6 T/YR | | | 0 | | (| J | |
| *WV-0029 | HARRISON COUNTY POWER PLANT | 3/27/2018 | Auxiliary Boiler | Natural Gas | 77 | .8 mmBtu/hr | Annual emission based on 4600 hours/year. | Use of Natural Gas | 910 | 7 LB/HR | | 2083 | TONS/YEAR | | 9107 | 7 I B/HR | |
| | MOCKINGBIRD HILL | | | | ,,, | | | Limited to natural gas; and tune-up the | 1 | | | 2003 | | | 7107 | | 12-MONTH |
| *WV-0031 | COMPRESSOR STATION MOCKINGBIRD HILL | | WH-1 - Boiler EG-1 - Auxiliary | Natural Gas | 8.7 | 72 mmBtu/hr | Used to generated heat for the new building associated with the project during the heating season. Used to supply electrical power to the facility in the event of loss of service from the local | boiler once every five years. Engine Manufacturer's design; limited to | | 0 | | <u> </u> | D | | 4468 | | ROLLING 12-MONTH |
| *WV-0031 | COMPRESSOR STATION | 6/14/2018 | (Emergency) | Natural Gas | 75 | 55 hp | provider. | natural gas; and tune-up the engine once | - | 0 | | | 0 | | 161 | 1 TON/YEAR | ROLLING |
| *AK-0083 | KENAI NITROGEN OPERATIONS | 1/6/2015 | Five (5) Waste Heat Boilers | Natural Gas | | 50 MMBtu/hr | Five (5) Natural Gas-Fired 50 MMBtu/hr Waste Heat Boilers. Installed in 1986. | | 59.6 | 1 TONS/MMCF | 3-HR AVG | 13140 | T/YR | COMBINED | | 0 | |
| | | | VACUUM DEGASSER | | | | | | 1 | | | | | | | | |
| AL-0231 | NUCOR DECATUR LLC | 6/12/2007 | BOILER | NATURAL GAS | 9 | 95 MMBTU/H | | | 0.06 | 1 LB/MMBTU | | 5.3 | 8 LB/H | | | D | |
| *AL-0282 | LENZING FIBERS, INC. | 1/22/2014 | Natural Gas Fired Boilers (3) | Natural Gas | | 00 mm btu/hr | | Good combustion practices | 11250 | 8 T/YR | 12 - MONTH ROLLING | | | | | | |
| *AL-0282 | | 1/22/2014 | Bollers (3) | Naturai Gas | 10 | 0 mm ou/nr | | Good combustion practices | 11230 | 8 1/1 K | | | 0 | | , | + | |
| *IA-0107 | MARSHALLTOWN GENERATING STATION | 4/14/2014 | auxiliary boiler | natural gas | | 1 Pe- 4 | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | | 1771 | 3 T/YR | 12-MONTH ROLLING TOTAL | Ι. | | | | | |
| *1A-010/ | | 4/14/2014 | auxinary botter | naturai gas | 60 | .i mmbtwnr | iuei iimit oi 288./ miinon cuote teet oi naturai gas per 12-month roiling period | | 1/31. | 3 1/1R | | · | | | , | 1 | 1 |
| *IA-0107 | MARSHALLTOWN GENERATING STATION | 4/14/2014 | auxiliary boiler | natural gas | 60 | .1 mmBtu/hr | fuel limit of 288.7 million cubic feet of natural gas per 12-month rolling period | | 1721 | 3 T/YR | 12-MONTH ROLLING TOTAL | Ι. | | | | | |
| 1/4/0107 | GENERATING STATION | 4142014 | auxiliary boller | naturai gas | | . i illinista ili | toer mine of 208.7 minion cause reet of natural sgss per 12-mount forming period | OPERATION AND MAINTENANCE PRACTICES; COMBUSTION | 1731. | 5 17 1K | ROLLING TOTAL | 1 | | | , | 1 | + |
| | | | TWO (2) | | | | | TURNING; OXYGEN TRIM CONTROLS & ANALYZERS; ECONOMIZER; ENERGY EFFICIENT | | | | | | | | | |
| | ST. JOSEPH ENEGRY | | NATURAL GAS AUXILIARY | | | | BOTH BOILERS, LABELED AS B001 AND B002, ARE EQUIPPED WITH LOW NOX BURNERS WITH FLUE GAS REGULATION. THIS IS CONSIDERED A STEAM | REFRACTORY; CONDENSATE RETURN SYSTEM, INSULATE | | | CONSECUTIVE | | | | | | |
| *IN-0158 | CENTER, LLC | 12/3/2012 | BOILERS | NATURAL GAS | 8 | MMBTU/H | GENERATING UNIT. | STEAM AND HOT LINES. | 8199 | 6 T/YR | MONTH PERIOD | 8 | % HHV | | (| 3 | |
| *MA-0039 | SALEM HARBOR STATION REDEVELOPMENT | 1/30/2014 | Auxiliary Boiler | Natural Gas | , | MMBtu/hr | | | 119 | 9 LB/MMBTU | | Ι. | 0 | | | 0 | |
| | | | EGALIXBOILERS: | | | | There are two auxiliary boilers each rated at less than 100 MMBTU/H heat input. | | | | | | | | | | |
| | | | Two auxiliary boilers | | | | There are two auximary obiters each fared at ress than 100 MWHS 10/11 freat input. | | | | 12-MO ROLL | | | | | | |
| *MI-0410 | THETFORD GENERATING STATION | 7/25/2013 | < 100 MMBTU/H | | .,, | MMBTU/H heat input | Fuel usage limited to not more than 416.3 MMscf of natural gas in each boiler per 12-month | recition to the state of the st | 2420 | 4 T/YR | TIME PERIOD EACH MONTH | Ι. | | | | | |
| *M1-0410 | HOLLAND BOARD OF | //23/2013 | heat input each | natural gas | 10 | o each | rolling timeperiod as determined at the end of each month. | Efficient combustion; energy efficiency. | 2430 | 4 1/1K | | | , | | , | 1 | _ |
| *MI-0412 | PUBLIC WORKS - EAST 5TH STREET | 12/4/2013 | Auxiliary Boiler B (EUAUXBOILERB) | natural gas | | 95 MMBTU/H | One natural gas-fired auxiliary boiler rated at 95 MMBtu/hr fuel heat input (EUAUXBOILERB within flexible group FGAUXBOILERS). | Good combustion practices | 4025 | 1 T/YR | 12-MO ROLLING TIME PERIOD | Ι. | | | | | |
| MPO412 | HOLLAND BOARD OF | 12/4/2013 | | naturai gas | , | OMMBTOIL | | Good combustion practices | 4923 | I DIK | | <u> </u> | | | , | 1 | + |
| *MI-0412 | PUBLIC WORKS - EAST 5TH STREET | 12/4/2013 | Auxiliary Boiler A (EUAUXBOILERA) | natural gas | | SS MMBTU/H | One natural gas-fired auxiliary boiler rated at 55 MMBTU/hr fuel heat input (EUAUXBOILERA within flexible group FGAUXBOILERS). | Good combustion practices | 2851 | 4 T/YR | 12-MO ROLLING TIME PERIOD | Ι. | 0 | | | 0 | |
| | | 1242013 | | | | | | | 1 2001 | 1 | | | | | ` | | |
| *OH-0352 | OREGON CLEAN ENERGY CENTER | 6/18/2013 | Auxillary Boiler | Natural Gas | . | 99 MMBtu/H | 99 MMBTU/H auxillary boiler with low-NOx burners and flue gas re-circulation, burning only natural gas. Boiler restricted to 2000 hours of operation per rolling 12-months. | | 1167 | 1 T/YR | PER ROLLING 12 MONTHS | 1 | 0 | | | a | |
| | TROUTDALE ENERGY CENTER, LLC | 3/5/2014 | A | | | .8 MMBtu/hr | | Classification | | 7 LB CO2/MMBTU | 3-HR BLOCK AVERAGE | | | | | | |
| *OR-0050 | TROUTDALE ENERGY | | Auxiliary boiler | natural gas | | | | Clean fuels | 111 | | 3-HR BLOCK | <u> </u> | | | 1 | + | + |
| *OR-0050 | CENTER, LLC HICKORY RUN ENERGY | 3/5/2014 | Auxiliary boiler | natural gas | 39 | .8 MMBtu/hr | | Clean fuels | 11' | 7 LB CO2/MMBTU | AVERAGE 12 MONTH | 1 | 0 | | (| 4 | + |
| *PA-0291 | STATION | 4/23/2013 | AUXILIARY BOILER | Natural Gas | 4 | 0 MMBTU/H | | | 1369 | 6 T/YR | 12-MONTH ROLLING BASIS | | 0 | | (| ð | |
| *PA-0296 | BERKS HOLLOW ENERGY ASSOC LLC/ONTELAUNEE | 12/17/2013 | Auxiliary Boiler | Natural Gas | | 0 MMBtu/hr | | | 1224 | 6 T/YR | | | | | | 0 | |
| PA-0290 | PORT OF BEAUMONT | 12/17/2013 | Commercial/Instituti | ivatdrai Gas | · · | N SUNDWAY | | | 1234 | 011/1R | | | | | , | | + |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | onal-Size Boilers/Furnaces | natural gas |] . | 0 MMBtu/hr | Hot oil heater | Good combustion practice to ensure complete combustion. | 2075 | 8 T/YR | | 1 . | | | 1 | 0 | |
| 120-3/12 | PORT OF BEAUMONT | 11/0/2015 | Commercial/Instituti | стини доб | | | | | 20/3 | | | <u> </u> | | | 1 | T | 1 |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | onal-Size Boilers/Furnaces | natural gas | 94 | .7 MMBtu/hr | Three boilers will be used intermittently to provide steam for heating tanks or railcars as necessary to reduce viscosity of heavy liquids. | Good combustion practices and use of low carbon fuel | 11010 | 5 T/YR | | | 0 | | | 0 | |
| 13.0772 | PORT OF BEAUMONT | 17/0/2013 | Commercial/Instituti | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | .1313. | | | | | | 1 | | \top |
| *TX-0772 | PETROLEUM TRANSLOAD TERMINAL (PBPTT) | 11/6/2015 | onal-Size Boilers/Furnaces | natural gas | 13 | 2 MMBtu/hr | Boiler will be operated continuously to maintain system temperatures in the intermittent boilers and heavy liquid storage tanks. | Good combustion practice to ensure complete combustion. | 685 | 0 T/YR | | 1 | 0 | | | a | |
| | CHEYENNE PRAIRIE | | | | | | · · · · · · | good combustion practices and energy | | | 12 MONTH | | | | 1 | | 1 |
| *WY-0075 | GENERATING STATION Footprint Power Salem Harbor | 7/16/2014 | Auxiliary Boiler | natual gas | 25.0 | 06 MMBtu/h | | efficiency | 1285 | 5 T/YR | ROLLING | | D | | - | + | + |
| | Development LP | | Auxiliary Boiler | Natural Gas | | 80 MMBtu/hr | | Pipeline quality NG | | 9 LB/MMBTU | 1-hr average | | | | 1 | | |
| | Hess Newark Energy Center Hess Newark Energy Center | | Auxilary Boiler Auxilary Boiler | Natural Gas Natural Gas | | 2 MMBtu/hr 2 MMBtu/hr | | | | 1 LB/H 8 LB/H | 3-hr rolling | 1 | | | + | + | + |
| | | | Auxiliary Boiler | | 1508 | MMBTU per 12 mo | | | | 3 T/YR | | | | | | | |
| | Kalama Energy Center | | | Natural Gas | 1390 | MMBTU per 12 mo | | | | | 12-mo rolling | | | | 1 | | 1 |
| - | Kalama Energy Center | | Auxiliary Boiler Auxiliary Boilers #1 | Natural Gas | 15987 | 70 rolling | | | 935 | 3 T/YR | 12-mo rolling | - | | | + | + | + |
| | St. Joseph's Energy Center | | and #7 | Natural Gas | | 85 MMBtu/hr | | | 8199 | 6 T/YR | 12 months | | | | 1 | | |
| | Woodbridge Energy Center | | Auxiliary Boiler | Natural Gas | 18 | 80 MMscf/yr | | | 200 | 0 hrs/year operation | | | | | | | |
| <u></u> | | | . , | | | | 1 | | 1 200 | | | | | | i . | | |